

ARMY
NAVY
AIR FORCE



FAST START IN NEW YEAR:

New Missile, Nuclear Ships Will Boost Navy Firepower

UNITED States seapower, in the throes of a vast technological overhaul which promises to advance further its world supremacy, will make dramatic progress during the next 24 months.

New missile ships and nuclear-powered vessels will join the Atlantic and Pacific Fleets at a rate of more than two a month in 1962 and '63.

In new vessels alone, the modern armada will include 12 Polaris submarines, 22 other guided missile ships, 10 nuclear-powered fleet submarines, a nuclear-powered aircraft carrier (the

Enterprise), and a 6,000-ton nuclear-powered guided-missile frigate. Also in the group of 49 ships will be three cruisers newly-converted as guided-missile vessels.

If the Navy meets estimated completion dates for all of the new undersea and surface craft, 21 will be added to the fleet in 1962 and 28 during 1963. The only months during 1963 when new missile or A-powered ships will not be coming off the ways are February and July.

—Continued on page 11

Upper Grade Study May Delay Sending Bolté Plan To Budget

SECRETARY of Defense McNamara has approved most key sections of the Bolté plan for revising officer personnel policies of all Services.

Still to be approved before the plan can be submitted to the Budget Bureau are the Bolté Committee's proposals to revise the field grade and general/flag grade officer authorizations in the Officer Grade Limitation Act.

Target date for sending the entire Bolté personnel package to the Budget Bureau is 1 December, but some Defense officials have doubts that this schedule can be met.

Key element in the delay could be the renewed DoD consideration of field grade and general officer requirements in all Services. This study had been begun before the Bolté Committee was formed last year, but to date has not been completed. It is being rushed to

completion in the office of Assistant Secretary of Defense Carlisle P. Runge to clear the way for a complete presentation of the new personnel program to Congress early in January.

The Bolté Committee had proposed that the Services be authorized general officer billets on the basis of total numbers of personnel in each Military Department.

While many Defense officials feel this general officer distribution plan is valid, they say that the complete study of field and general officer requirements is needed before the complete Bolté personnel package can be sold to Congress.

Under the Bolté plan, the Army and Air Force would lose 25 and 5 general officer spaces, respectively, over the next five years. Most of these would

—Continued on page 21

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L/G Traub Heads Committee To Speed Army Reorganization

WORKING under a full-speed-ahead mandate from Secretary of Defense McNamara, a new committee, headed by Army Comptroller Lt. Gen. David W. Traub, is drafting recommendations to implement Hoelscher Committee proposals to reorganize the Army.

The Hoelscher Committee had recommended to Secretary McNamara that the Army establish a new Logistics Command to control all research and development, supply and logistics in the field. The command would take over many of the responsibilities now performed by the Technical Services and combat branches.

Field installations now operated by the Technical Services would fall under the jurisdiction of either the Logistics Command or other appropriate organizational elements away from Headquarters.

The Hoelscher Committee also recommended that a central Personnel Operations Office be established in the Pentagon to centralize all officer assignments. Personnel assignments for Technical Services personnel currently are handled by each Tech Service.

Combat Branch assignments are already centralized within the Pentagon.

Under the Hoelscher Report recommendations, the function of the Continental Army Command would be expanded to include many training activities now conducted by the Combat Branches and Technical Services.

The original report was prepared by a 60-man committee headed by Deputy Army Comptroller Mr. W. L. Hoelscher. It consists of a basic report, the same size as the Pentagon telephone directory, and six supplements.

Following completion of the report and its circulation to the Defense Department and among senior members of the Army staff and secretariat, General Traub was ordered by Chief of Staff Decker to prepare with dispatch implementation recommendations for Secretary McNamara. General Traub's final report is due the middle of this month.

—Continued on page 21

Conservative Or Liberal?

(Is General LeMay a military conservative or liberal? Here is how he answered the question in an address to the Michigan Post of the American Ordnance Association.)

I HAVE described my philosophy as that of a military conservative in that I believe that we should modernize our forces as rapidly as possible, but that we should not replace ready and fightable weapon systems with new and unproven devices until they are reliable and we are sure the new systems can do a better job. On the other hand I call myself a military liberal in that I believe that we should go forward as quickly as possible in technology to gain radical strategic advantages.

"Today we are developing defensive capabilities in space—warning of attack through the use of satellites. These are passive and defensive. They are peaceful. They are not weapons. But like airpower in WW I, once this capability becomes effective—that is, once it renders less valuable the principle of surprise—then it is only sensible to assume that an aggressor will seek ways and means to eliminate our defensive systems." (What actions are necessary, Page 28)

MATS Hdqs. Controls Officer PCS Actions

Permanent changes of station for command officers will be controlled by MATS headquarters at Scott AFB, Ill., effective 1 November.

Control of officers' duty specialties by MATS headquarters started last month.

Both steps are part of the Air Force's centralized officer assignment concept, called by some officials "one of the fondest dreams of personnel planners."

The PCS control will not change the assignment of certain officers already scheduled for duty to or from overseas stations.

The new control concept affects MATS officers through the grade of lieutenant colonel, excluding legal, medical and chaplain officers. Management policies and control of assignments of colonels, legal, medical and chaplain officers are not expected to change.

| | |
|---|----|
| Navy Selections for Commander | 6 |
| Final Scores in USAF "William Tell" Competition | 9 |
| Navy Commissions Its Biggest Ship | 11 |
| Maj. Gen. C. H. Mitchell Named AFSC Vice Commander | 14 |
| Army Lists Temporary Promotions | 17 |
| Marine Corps Puts New Emphasis on Marksmanship | 23 |
| New \$5 Million Aerospace Plant Dedicated | 25 |

SERVICE ORDERS: ARMY 4, NAVY 6,
AIR FORCE 8, MARINE CORPS 7

AF Leadership Mounts Campaign For Greater Stress On Space

AIR Force leaders, led by Secretary Eugene M. Zuckert and General Curtis E. LeMay, Chief of Staff, are taking advantage of every possible opportunity to press for a greater national effort in military space projects.

The intensity of this campaign will grow in the weeks ahead, as the Pentagon completes work on the fiscal '63 budget. There will be a new energy burst when Congress reconvenes in January.

General LeMay has sounded a new warning that the United States "can't lock onto one strategy and one weapon system and remain dormant for very long and expect to retain our way of life."

In a prophetic address to the Michigan Post of the American Ordnance Association on 26 October, Chief of Staff LeMay warned:

"A surprise Soviet capability in space may involve use of other-than-nuclear armaments. Today nuclear weapons offer an efficient and discriminate method

for disarming an aggressor," he said. "But tomorrow's space systems may use an altogether new kind of armament."

General LeMay explained further: "Perhaps they will employ principles we haven't yet discovered—and won't discover until we get into space and

—Continued on back page

SOVIET WAR DOCTRINE HAS NUCLEAR STRESS

A comprehensive and authoritative statement of Soviet Military Doctrine, as it is expressed publicly, was made by USSR Defense Minister Malinovsky before the 22d Congress of the Soviet Communist Party in Moscow last week.

The Journal publishes on Page 2 an important excerpt from Minister Malinovsky's address, in which he asserts that a future world war "will inescapably assume the character of a nuclear-rocket war."

Defense Minister Malinovsky Tells Soviet Military Doctrine; Nuclear-Rocket Warfare "Inescapable," Communist Congress Hears

(The following excerpt is from the address delivered by Soviet Defense Minister Malinovsky to the 22d Communist Congress in Moscow. In this oration, he says that the concrete basic tasks of the armed forces and the direction of military construction in that country under present-day conditions have been concisely and expressly set out in his previous report at the fourth session of the USSR Supreme Soviet in 1960 by the Supreme Commander-in-Chief Nikita Sergeevich Khrushchev. Then the Defense Minister continued:)

THE report also made a profound analysis of the character of modern war, and this lies at the basis of Soviet military doctrine.

"One of the important theses of this doctrine is that a world war, if it should nevertheless be unleashed by the imperialist aggressors, will inescapably assume the character of a nuclear-rocket war, that is, a war in which the main striking force will be nuclear weapons, and the main means of delivering these

weapons to their targets will be rockets.

Quick Decision

"In this connection war will both begin differently from before and will be waged in a different way. The use of atomic and thermonuclear weapons with unlimited possibilities of delivering them to any target in a matter of minutes by means of rockets makes it possible in the shortest period to achieve decisive military results at any range and over immense territory.

"The targets of crushing nuclear strikes, together with the groupings of enemy armed forces, will be industrial and vital centers, communications, junctions, everything which feeds war.

Lifeless Deserts

"A future world war, if it is not averted, will have an unprecedentedly destructive character. It will lead to the deaths of hundreds of millions of people, and whole countries will be turned into lifeless deserts covered with ashes.

"It must be said that this is also well understood by the ruling circles of the West; they are therefore striving to reach their own aggressive aims through the introduction of small local wars with the use of conventional weapons and tactical atomic weapons.

"In spite of the fact that in a future war the decisive role will be played by rocket and nuclear weapons, we nevertheless come to the conclusion that the final victory over the aggressor can only be achieved as a result of the joint action of all types of armed forces. This is why we are giving necessary attention to the improvement of all types of weapons and teaching the troops to handle them skillfully and to achieve a decisive victory over the aggressor.

"We also consider that, in modern conditions, a future world war will be carried out, in spite of huge losses, by mass, multimillion-strong armed forces.

Initial Period

"The Presidium of the Central Committee of the party and the Soviet Government have demanded and do demand of us that we devote special attention to the initial period of a possible war. The importance of this period lies in the fact that the very first mass nuclear strikes are capable, to a vast extent, of predetermining the whole subsequent course of the war and could lead to such losses in the rear and among the troops as would put the people and the country in an exceptionally difficult position.

Thwart Surprise Attack

In realistically appraising the position, one must hold that it is precisely a surprise nuclear attack on the Soviet Union and other socialist countries that the imperialists are preparing. This is why Soviet military doctrine regards as the most important, the principal, and primary task of the armed forces to be in constant readiness to repulse reliably a surprise attack of the enemy and to thwart his criminal plans.

"The point at issue is that, in contemporary conditions, any armed conflict will inevitably develop into a universal nuclear-rocket war, should the nuclear powers be involved in it. Thus we are forced to prepare our armed forces, the country, and all the people primarily for a struggle against the aggressor, mainly in the conditions of nuclear warfare.

Destroy Capitalism

"Our country is big and vast. It is less vulnerable than the capitalist countries, but we are fully aware that it would be an exceptionally difficult war for us. We are firmly convinced that in such a war, should the imperialists thrust it on us, the socialist camp would prove victorious, whereas capitalism would be destroyed forever."

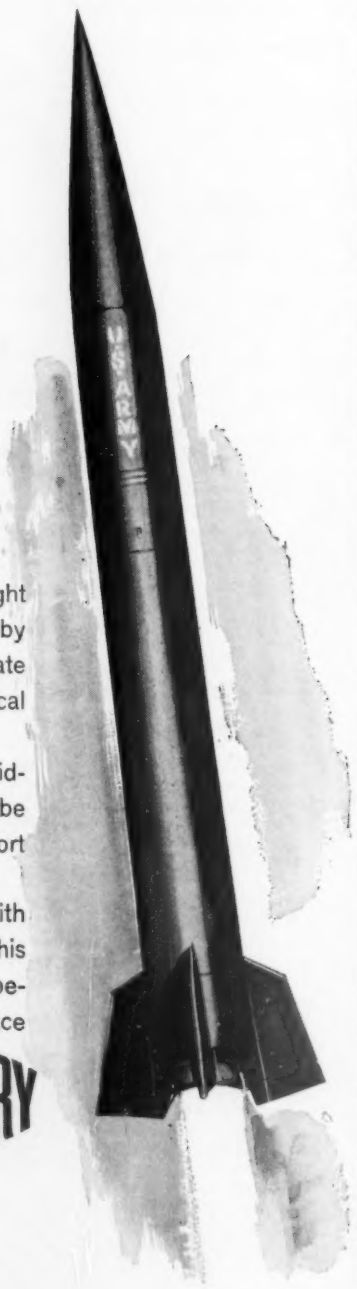
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SPERRY



Aerospace Committee Wants U.S. To Seek More World Records

A Special Committee of high-ranking aerospace leaders of government and industry has called for the U. S. to step up its efforts in breaking world aircraft records now held by other countries, and to develop crack U. S. teams to take part in international aviation competitions.

The Committee, appointed by Jacqueline Cochran, President of the National Aeronautic Association, is headed by Maj. Gen. Albert Boyd, USAF-Ret., Vice President of the Westinghouse Electric Corporation, and includes:

Ira H. Abbott, Director of Advance Research Programs, NASA

Najeeb E. Halaby, Administrator, Federal Aviation Agency

Stuart G. Tipton, President, Air Transport Association of America

S. Paul Johnston, Director, Institute of Aerospace Sciences

VAdm. Robert B. Pirie, Deputy Chief of Naval Operations (Air)

Maj. Gen. Richard M. Montgomery, Asst. Vice Chief of Staff, USAF

Brig. Gen. Clifton F. von Kann, J-3, U. S. Strike Command

RAdm. Charles Pierce, Ret., Former Deputy Director, Coast and Geodetic Survey

Bertrand Rhine, Chairman, Technical Committee, NAA Contest Board.

The Committee recently met in closed session in Washington and reviewed the

aircraft record files maintained by the National Aeronautic Association, the United States representative of the Federation Aeronautique Internationale, world organization that certifies all international records for aircraft and spacecraft. All of the Committee members were present, except Admiral Pirie, who was represented by Capt. E. C. Outlaw, and S. Paul Johnston, who was attending a scientific meeting in England. Ralph V. Whitener, Executive Director of NAA, and Tony Mahlman, Secretary of the NAA Contest Board, attended the meeting.

The Committee was informed at the meeting that the 53 nations represented in the F.A.I. now hold a total of 422 aircraft and spacecraft records. Of these,

the U. S. holds 115 and the Soviet holds 105. Until January of this year, Russia held more aircraft records than the United States. Since January, U. S. planes, both civil and military, have set or captured 36 records, putting the United States ahead of Russia, by a small margin, for the first time in several years.

On April 12, Soviet Astronaut Yuri Gagarin became the first man to claim the three orbital world records for manned space flight—duration, altitude and greatest mass lifted. On 5 May, Cdr. Alan B. Shepard, Jr., claimed the two sub-orbital world records for altitude and greatest mass lifted. Both flights have been certified by the F.A.I. as official world records.

Until June of this year, the United States held all five absolute world records for aircraft—altitude, speed and distance in a closed circuit, and speed and distance in a straight line. In June, Russia took the world altitude record away from the U. S. with an E66-A jet-rocket boost supersonic aircraft, which attained an altitude of 113,890 feet. Earlier this month, Russia claimed a new world speed record with the E-166, which flew 1,482 miles per hour, beating the U. S. record of 1,390.24 miles per hour. The Committee agreed that the United States should take immediate steps to recapture these records.

The Committee gave special attention to one particular category of records held by Russia—records with payloads.

B/G Crow Leads SAC Missile Wing

The 392d Strategic Missile Wing has been activated at Vandenberg AFB, Calif., to assume operational missile functions now performed by the 1st Strategic Aerospace Division.

Commander of the new wing is Brig. Gen. Roger M. Crow. Col. McLyle G. Zumwalt is Deputy Commander.

The following squadrons will be assigned to the wing:

392d Missile Squadron (Thor).

394th Missile Squadron (Minuteman).

395th Missile Squadron (Titan).

576th Strategic Missile Squadron (Atlas).

51st Munitions Maintenance Squadron.

4315th Student Squadron.

The activation of the 392d SMW will permit the 1st Strategic Aerospace Division to concentrate on missile force policies, concepts and future planning," SAC officials said.

The 392d SMW received its designation from the 392d Fighter-Day Wing, now inactive.

The new wing is entitled to the history, battle honors, colors and emblem of the 392d Bomb Wing (Light) and the 392d Bomb Group (Light) which were inactivated 10 Nov., 1949.

West Point Sports Director

New Sports Director for West Point's military personnel and dependents is 26-year-old Byron E. Gibson. He succeeds Mr. Paul M. Flaig, who recently left to become First Army Sports Director.

Coming to the Point from Korea, Mr. Gibson was Sports Director for the Eighth Army since June 1960. He will control the sports activities for about 2,400 military personnel and an additional 1,400 dependents.

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USCG Eastwind forges a path through giant floes and icebergs during an Arctic cruise

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CONARC Consolidates All Airborne Qualification Training At Ft. Benning

ARMY Airborne qualification training will be concentrated at the US Army Infantry Center, Fort Benning, Ga., original home of the airborne, beginning in February, it is announced at Headquarters, United States Continental Army Command, Ft. Monroe, Va.

USCONARC officials pointed out that centralization of airborne training will alleviate extra burdens on

airborne divisions who now conduct their own qualification training. More personnel will be available for unit combat training, thereby bringing the Strategic Army Corps units at Ft. Campbell, Ky., and Ft. Bragg, N. C., to a peak of efficiency.

The enlarged airborne school will operate on the present course of instruction.

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Army's First Woman Optometrist At Myer

The Army's first woman optometrist, 1st Lt. Freda J. Slaymaker, MSC, has been recently assigned to active duty at the Ft. Myer Dispensary, Arlington, Va., after having completed an orientation course at the Medical Field Service School, Ft. Sam Houston, Tex.

Lt. Slaymaker is working with Capt. Henry Bernardi, MSC, Senior Optometry Officer at Ft. Myer. She resides at the Washington and Lee Apartments in Arlington, Va.

CWO Cook Leads Band

CWO B. G. Cook has been appointed Director of the Fifth Army Band at Chicago. He succeeds CWO William J. James, reassigned to Alaska.

Mr. Cook, an Army musician for more than 16 years, has conducted Army bands on three continents. Before his present assignment, he was Band Staff Officer for U. S. Army Europe.

Navy Orders AF Engines

The Bureau of Naval Weapons has issued a \$27.7 million contract to United Aircraft Corporation, Pratt & Whitney Division, East Hartford, Conn., for J52 engines for the Air Force.

Army Changes Policy On Return O'Seas After Emergency Leave Or TDY In U.S.

The Army has changed its policy for the return overseas of military personnel granted emergency leave in the U. S. Heretofore, it was required that an individual have at least three months to serve in short tour or 6 months in long tour areas. The new minimum is 60 days. The Army gave this explanation:

CURRENT POLICY:

The overseas service regulation, AR 614-30, specifies that an individual who comes home from overseas on emergency leave or TDY will be returned overseas only if he has 6 months or more to serve in long tour areas, such as Europe, 3 months or more to serve in short tour areas, such as Korea. AR 614-30 also specifies that for personnel on emergency leave or TDY all transit time to and from overseas plus up to 60 days spent in CONUS will all be counted or credited as "overseas service."

Elsewhere in AR 614-30, DA specifies that an individual who completes at least five-sixths of a normal overseas tour will be credited with a completed tour. Under normal conditions credit for a completed tour assures an enlisted man a minimum of 18 months in CONUS, an officer 12 months. An individual who doesn't have such credit can be immediately returned overseas.

There is no incompatibility between these various regulations for the man on emergency leave from a 36 months area. If upon completion of his leave he has less than 6 months remaining on his overseas tour, he is PCS assigned to CONUS and he still receives credit for a completed overseas tour, since he has completed the five-sixths. In many other cases there is incompatibility. A man on emergency leave from Korea has 3 months left to do on the Korean tour upon completion of his leave

in CONUS. Accordingly, he is PCS reassigned to a CONUS unit. But since he did not complete 5/6 of the Korea tour, he is eligible for immediate reassignment overseas.

NEW POLICY:

DA 578210 message changes the current DA policy so that an individual will be returned overseas upon completion of his emergency leave or TDY provided he has at least 60 days remaining on his overseas tour. The thinking behind this AR change is:

Since the shortest overseas tour is 12 months, this change will insure that all individuals on emergency leave from overseas are provided the means of obtaining credit for a completed overseas tour.

Returning overseas the individual granted emergency leave costs the Army generally \$100 to \$150 (MATS to Europe and Korea, respectively). This may appear uneconomical, if the individual has only two or three months remaining service overseas. However, many individuals returned to CONUS today in an emergency leave status have their overseas tour curtailed by as much as six months. Because of the time it takes to provide a replacement from CONUS, the overseas commanders probably bear the brunt of most of these curtailments by going short the number of individuals involved.

The proposed change will help impress on all personnel DA's intention that full overseas tours be completed. Ultimately, this should result in some decrease in movement between CONUS and overseas.

The change will improve combat effectiveness of overseas units by returning overseas "old hands" who are more capable than a new replacement. Shortages in overseas units resulting from emergency leave will be considerably less than heretofore.

ARMY ORDERS:

Col. Freudendorf To Alabama University; L/C's Hooper, Holton To Karachi And Saigon

Elvis J. Stahr, Jr.—Secretary of the Army
Stephen Alles—Under Secretary of the Army
Finn J. Larsen—Assistant Secretary (Research and Development)
William E. Schaub—Assistant Secretary (Financial Management)
Paul R. Ignatius—Assistant Secretary (Logistics)
General George H. Decker—Chief of Staff

GENERAL OFFICERS—

Maj General

Bohlender, John F. MC, ret upon appl; 1 Dec.

Brig General

Dunn, Charles G. Wash, DC, to US ARAD-COM, Ent AFB, Colo.

INFANTRY—

Colonel

Freudendorf, Chester M. Ft Benning, to Stu Det Hq Third USA, Ft McPherson, w/sta Univ of Alabama, University, Ala.

To USA Elm US Strike Comd, MacDill AFB, Fla

From Wash, DC:

Kuhn, William A Collins, Arthur S

Lt Colonel

Andrews, Stephen E, Jr, Ft Benning, to Hq & Hq Co, Off Stu Det USALS, Presidio of Monterey, Calif.

Ugalde, Jesse G, Ft Carson, to USAAVNS, Ft Rucker.

Hooper, Thomas F, Wash, DC, to OUSARMA Am Emb, Karachi, Pakistan.

Holton, Russell G, Jr, Ft Benning, to USA Elm MAA, Vietnam, Saigon.

Atkins, James L, Dugway, Utah, to USAIS, Ft Benning.

To USA Elm US Strike Comd, MacDill AFB, Fla

Hazam, Mitchell J, Wash, DC.

Helena, Cecil C, Ft Campbell.

Major

Giglio, Rudolph F L, Ft Hood, to 101st Abn Div, Ft Campbell.

Hill, Edward B, Ft Holabird, to dy sta Wash DC (remains asg USAIPSG, Ft Holabird).

Clemons, Joseph G, Wash, DC, to OUSARMA Am Emb, Bucharest, Rumania.

Captain

Lane, Edward B, Ft Devens, to USAWC, Carlisle Bks, Pa.

Gillisple, James M, Ft Sheridan, to USA Elm MAA, Cambodia, Phnom Penh, Cambodia.

Matta, Anthony F, Wash, DC, to USA Photo Interpretation Cn, Ft Holabird.

Lange, Karl F, Ft Monroe, to USA Gar, Ft Leavenworth, Kans.

Roberts, William S, Jr, Harrisburg, Pa, to USAIS, Ft Benning.

To Hq Det USA SP War Cn, Ft Bragg

Petersen, Peter B, Ft Benning.

Price, Charley D, Ft Jackson.

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8th Army Officers Win College Degrees

Seventeen Eighth Army officers have been awarded university degrees earned through extra hours of study while attending the Army War College, Carlisle Barracks, Pa.

Through special arrangement with George Washington University, Washington, D. C., instructors from the University held night and summer courses in International Affairs at the War College. Bachelor or Master's Degrees were earned through university courses and credits awarded for graduation from the War College and completion of a thesis requirement.

The program, purely voluntary, enrolled approximately 75% of the 200-member War College class and approximately 50% of the military school faculty.

Eighth Army officers earning degrees through the program were: Col. Andrew A. Aines, QM, 7th Logistical Command; Lt. Col. John H. Barner of Hdqs, 1st Cav. Div., G-1; Lt. Col. (Chaplain) Richard R. Bell, Hdqs, Army Military Advisory Group; Col. Matt C. C. Bristol, Jr., Army Advisory Group; Lt. Col. Abb Chrietberg, Hdqs, 1st Cav. Div.; Col. James G. Coates, Joint MAAG; Lt.

Col. Charles J. Dominique, Hdqs, Army Advisory Group; Lt. Col. Donald D. Dunlop Hdqs, Eighth Army;

Also: Lt. Col. Richard H. Ferriter, Hdqs, I Corps (Group); Lt. Col. John W. Irving, Hdqs, Eighth Army; Lt. Col. Maurice W. Kendall, Hdqs, U. N. Command; Lt. Col. Thomas W. Mellen, Hdqs, I Corps (Group); Lt. Col. Joseph D. Mitchell, 7th Cav., 1st Cav. Div.; Lt. Col. Reuben W. Mundy, Hdqs, U. N. Command; Lt. Col. John B. Stockton, Hdqs, 1st Cav. Div.; Lt. Col. Robert Martin, Hdqs, Eighth Army, and Lt. Col. James G. Kalergis, Hq & Hq Co., 1st Cav. Div.

Reade, John C. Jr, Ft Benning.
Wenzel, Carl L, Ft Holabird.

To 5th Sp Forces Gp, 1st Sp Forces, Ft Bragg

Crawford, Leighton, Ft Ord.
Griffith, Edwin R, Eglin AFB, Fla.
McGrath, George F, Syracuse, NY.
Mooradian, Reuben L, Ft Detrick.
Thurgood, Richard D, Ft Ord.
Calderon, Victor M, Ft Benning.
Robinson, James T, Monterey, Calif.

To 1st SF Gp, Okinawa, Ryukyus Islands

Scholl, Allan P, Chicago.
From Ft Bragg:
Williamson, John E, Bernhausen, Fritz
From Monterey, Calif:
Collier, Thomas W, Lansrud, Gaylord A
Jenkinson, Harlan H, Walker, Dornford

1st Lieutenant

Underhill, David G, Monterey, Cal, to Korea.
Corns, John H, Ft Knox, to Off Stu Det Hq & Hq Co, USALS, Presidio of Monterey, Calif.

To 5th Sp Forces Gp, 1st Sp Forces, Ft Bragg

Aldrich, Clair E, Ft Devens.
Kilburn, Gerald, Cleveland, O.
Leites, Robert L, Ft Devens.

To 1st SF Gp, Okinawa, Ryukyus Islands

From Ft Bragg:
Blankenship, M W, Eisenbraun, Wm F

ARMOR—

Lt Colonel

Knutson, Sidney A, Cameron Sta, Va, to USA
Trp Info Spt Unit, Wash, DC.

Major

Phillips, Coulson, Monterey, Calif, to OUS-
ARMA Am Emb, Rangoon, Burma.

Captain

Campbell, William W, Jr, Ft Ritchie, Md,
to USA Elm OJCS, Wash, DC.

1st Lieutenant

Bohlander, Clarence D, Ft Carson, to 6th
Armd Cav Regt, Ft Knox.
Faidley, Paul S, Ft Carson, to CC "A" 1st
Armd Div, Ft Hood.

ARTILLERY—

Lt Colonel

McCrary, Raymond J, Burlington, Mass, to
Korea.

Major

Prentice, Allen E, Baltimore, to Korea.
Hill, Herbert R, Monterey, Calif, to USA
Elm JUSMAG Greece, Athens.

1st Lieutenant

Howell, Charles S, Ft Benning, to USARL
Repl Det, Ft Richardson, Alaska.
Finnerty, Ronald E, Fairchild AFB, Wash,
to Stu Det USARADSch, Ft Bliss.
Pruitt, Fleming S, Jr, Pacifica, Calif, to USA
Ord Tk-Automotive Comd, Detroit.

2d Lieutenant

Swartz, John M, Ft Dix, to USA Sig TC,
Ft Monmouth.

CORPS OF ENGINEERS—

Lt Gen Walter K Wilson, C of E

Colonel

Bidgood, Clarence, Ft Meade, to USA Elm
NASA, Wash, DC, w/sta Patrick AFB, Fla.

Lt Colonel

Kowalyk, William, Chicago, to Hq USA
Ryukyus Islands, Okinawa.
Roberts, Sidney E, Ft Belvoir, to USA SP
WAR Cen, Ft Bragg.
Zohn, Jerome, Wash, DC, to USA Elm MAAG
Rep of China, Taipei, Taiwan.
Makholm, Arthur E, Aberdeen Pr Gr, Md,
to Hq Second USA, Ft Meade.
Nixon, Robert T, Ft Campbell, to Korea.

Major

Tate, Perry L, Ft Belvoir, to USA Log IG
Fld Ofc, Chicago.
Torbett, Oscar C, Ft Belvoir, to USA Engr
Div, Southwestern, Dallas, w/sta Santa Fe
Bldg, Galveston, Tex.

To Hq USA Ryukyus Islands, Okinawa

Anders, Emet R, Ft Belvoir.
Mitchem, Winfred E, Wash, DC.

Captain

Lenoach, Fernand J, Ft Belvoir, to Hq
USA Ryukyus Islands, Okinawa.

To Stu Det USAES, Ft Belvoir

Carnes, Julian H, Jr, Plattsburgh AFB, NY.
Drake, Charles E, Ft Rucker.
McKnight, James R, Los Angeles.
Buckheit, Wilbur C, Livermore, Calif.
Cauthen, Lewis J, Urbana, Ill.
Kem, Richard S, Urbana, Ill.
Mellors, Howard B, Ft Lewis.
Torno, Harry C, Rollo, Mo.

1st Lieutenant

Frey, James L, Ft Belvoir, to USA Sp War-
fare Cen, Ft Bragg.
Pannell, Robert F, Ft Huachuca, to Stu Det
USA Engr Sch, Ft Belvoir.

To Hq USA Ryukyus Islands, Okinawa

Amlong, William E, Ft Belvoir.
Stauch, Edward G, Ft Meade.

—Continued on page 13

groundbreaking

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►► First, perhaps, the robot explorer, such as the "Moonmobile," designed and developed by Space-General Corporation, answering many of man's questions about his celestial neighbor. Ultimately — groundbreaking — and the return to earth of the first substance from a foreign planet.

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 Paul B. Fay, Jr.—Under Secretary of the Navy
 James H. Wakelin, Jr.—Assistant Secretary (Research & Development)
 Kenneth E. BeLieu—Assistant Secretary (Material)
 —Assistant Secretary (Financial Management)
 Admiral George W. Anderson, Jr.—Chief of Naval Operations

REAR ADMIRAL

BUCHANAN, Charles A, ComNavBaseNpt; to ComHawSeaFron.
 CAMPBELL, Robert L, ComHawSeaFron; to DepCofS JStaff USCInCEur.
 DORSEY, Jack S, ComDesFlot 6; to ComNav Base Npt.

CAPTAIN

BROWNLOW, Paul J, Ofc of Info NavDept; to ComDesDiv 92.
 CHENAULT, Frederic A, CO USS Little Rock; to CofS and Aide Com 6th Flt.
 CRUTCHER, William R, CO USS Bryce Canyon; to ComDesRon 3.
 GRAY, James S, Jr, CofS and Aide ComCar Div 4; to OpNav.
 NAYLOR, Merlin E (DC), MarCorBase Cam Lej; to USS Intrepid.
 OLIVER, Ray E, BuWeps; to Staff CoMin Pac.
 PATRIARCA, Frank A, CO USS Vermillion; to OSD WashDC.
 SQUIRES, Lewis W, NaTestCen PaxRiv; to FldCom DASA Sandia Base Albuquerque.

COMMANDER

CRAWFORD, Robert E, AFSC NorVa DUIns; to OpNav.
 CROWDER, Jonathan J, CO Heavy Photo Ron 61; to OpNav.
 HALEY, Richard F, NAD Oahu; to BuWeps.
 HANSEN, Bernard L, DPWO 9ND; to Nav PW Cen Guam.
 JONES, Thomas C, Jr, FirstFlt; to PhilPac.
 REYNOLDS, Thomas E, 8ND tem; to UNC USForkorea.
 ROTH, Paul, OpNav; to CO USS Biddle.
 WHITE, William C, NSA WashDC; to Nav SecGruHq WashDC.
 WUNDERLICH, John F, HelTraRon 8; to NAS Pncla.
 MILLER, Myrl R, TraRon 30 NAS CorpC; to CO TraRon 30 NAS CorpC.
 MOORE, Sam H, USS Galveston; to ComDes Div 102.
 SIMCOX, William A, CO USS Dennis J Buckley; to USS Helena.
 SMITH, Hugh W, AFSC NorVa DUIns; to PatRon 50.
 WATERS, George C, Jr, (SC), Navy ASO Phila; to OIC NavPurchasingOfc Bklyn.
 BRINSER, Harry M, USS Norfolk; to Serv Lant.

Ship Skippers

COMMANDER

TICKLE, Paul A, PhibLant; to CO USS Shasta.
 BUTT, Cyrus H, USS Long Beach; to CO USS Beatty.
 PRIEST, Charles, Jr, Ofc of AsstDir for Nav Reactors Div of Reactor Dev AEC WashDC DUIns; to CO USS Thomas Jefferson.

LIEUTENANT COMMANDER

BEYER, Henry J, CO USS Daniel A Joy; to CO USS Vance.

BROWNE, Howard S, Jr, (MC), Blodgett Memorial Hosp Grand Rapids DUIns; to Nav Hosp NavBase Npt.
 CODY, Harold R, AFSC NorVa DUIns; to Air AntiSubRon 34.
 CURTIS, Theodore E, OpNav; to NavTacDoc DevProAct NavSta WashDC.
 ENGLISH, Addison R, CO AtkRon 52; to Car Div 3.
 HARRINGTON, Bernard C, (SC), NSC Oak; to MSTSPacArea.
 McGRATH, Herman G, Jr, AFSC NorVa DU Ins; to USS Franklin D Roosevelt.
 BROZO, John G, FitRon 174; to FitRon 62.
 CHASE, Isaac, Jr, (CEC), MCAS CherPt; to BuWeps.
 DEVITO, Raymond J, NavAirLant; to Air TransRon 3.
 GASS, Shelby C, CarDiv 15; to NaBaTraCom NAS Pncla.
 HUGHES, John E, Jr, CO USS McNair; to TraLant.
 MARTIN, Tom B, Jr, NavWpnQuality AssuranceOfc WashDC; to NavSta WashDC.
 MULLINS, Kennedy F, ProvMAAG Korea Seoul; to CO NavMarCoResTraCen Raleigh NC.
 SPALDING, William A, Jr, Staff SacLant; to NavBeachGru 2.
 VAUGHEN, William L, MAAG Republic of China Taipei; to NavForJapan.
 ALEXANDER, John S, CO NavResTraCen Cleve; to CO NavMarCoResTraCen Cleve.
 COLE, Howard, AirDevRon 1; to NAS Johnsville.

—Continued on page 16

41.4% PASSED OVER

Navy Selects 793 For Three Stripe Rank

THE Navy has selected 793 Line officers for commander, scoring an in-zone selection rate of 58.6%.

Senior to the zone, there were 132 (5.3%) selected out of 2482 eligible. Within the zone, 650 were selected out of 1109.

There were only 11 selected from below the zone, broken down as follows: five 1100s; three 13X0s; two 14X0s; and one 1630.

Following is a breakdown of the selections in and senior to the zone:

| —SENIOR TO ZONE— | | | | —IN ZONE— | | | |
|--------------------------|-------------|------------|-------------|-------------|------------|-------------|--|
| | No. Elig. | No. Sel. | % Sel. | No. Elig. | No. Sel. | % Sel. | |
| UNRESTRICTED LINE | | | | | | | |
| USN 1100 | (1) 499 | (2) 39 | (3) 7.8 | (5) 368 | (6) 263 | (7) 71.5 | |
| 13X0 | 952 | 56 | 5.9 | 413 | 273 | 66.1 | |
| Sub-Total | 1451 | 95 | 6.6 | 781 | 536 | 68.6 | |
| USN-T 1101/2 | 253 | 3 | 1.2 | 29 | 0 | 0.0 | |
| 13X1/2 | 144 | 6 | 4.2 | 37 | 3 | 8.1 | |
| Sub-Total | 397 | 9 | 2.3 | 66 | 3 | 4.5 | |
| USNR 1105 | 9 | 0 | 0.0 | 1 | 0 | 0.0 | |
| 13X5 | 437 | 4 | 0.9 | 93 | 4 | 4.3 | |
| Sub-Total | 446 | 4 | 0.9 | 94 | 4 | 4.3 | |
| UNR. LINE TOTAL | 2294 | 108 | 4.7 | 941 | 543 | 57.7 | |
| RESTRICTED LINE | | | | | | | |
| 14X0 | 68 | 10 | 14.7 | 61 | 37 | 60.7 | |
| 14X5 | 16 | 0 | 0.0 | 0 | 0 | ... | |
| 14XX | 84 | 10 | 11.9 | 61 | 37 | 60.7 | |
| 15X0 | 40 | 4 | 10.0 | 30 | 19 | 63.3 | |
| 15X5 | 1 | 0 | 0.0 | 1 | 0 | 0.0 | |
| 15XX | 41 | 4 | 9.8 | 31 | 19 | 61.3 | |
| 1610 | 21 | 1 | 4.8 | 7 | 5 | 71.4 | |
| 1615 | 2 | 0 | 0.0 | 0 | 0 | ... | |
| 161X | 23 | 1 | 4.3 | 7 | 5 | 71.4 | |
| 1620 | 2 | 0 | 0.0 | 17 | 12 | 70.6 | |
| 1625 | 7 | 2 | 28.6 | 2 | 1 | 50.0 | |
| 162X | 9 | 2 | 22.2 | 19 | 13 | 68.4 | |
| 1630 | 5 | 1 | 20.0 | 7 | 4 | 57.1 | |
| 1635 | 3 | 0 | 0.0 | 1 | 0 | 0.0 | |
| 163X | 8 | 1 | 12.5 | 8 | 4 | 50.0 | |
| 1640 | 3 | 0 | 0.0 | 1 | 1 | 100.0 | |
| 1645 | 0 | 0 | 0.0 | 0 | 0 | ... | |
| 164X | 3 | 0 | 0 | 1 | 1 | 100.0 | |
| 1650 | 5 | 1 | 20.0 | 5 | 4 | 80.0 | |
| 1655 | 0 | 0 | ... | 0 | 0 | ... | |
| 165X | 5 | 1 | 20.0 | 5 | 4 | 80.0 | |
| 1670 | 1 | 0 | 0.0 | 1 | 1 | 100.0 | |
| 1675 | 0 | 0 | ... | 0 | ... | ... | |
| 167X | 1 | 0 | 0.0 | 1 | 1 | 100.0 | |
| REST. LINE TOTAL | 174 | 19 | 10.9 | 133 | 84 | 63.2 | |
| 17XX | | | | | | | |
| 18XX | | | | | | | |
| LDO TOTAL | 14 | 5 | 35.7 | 35 | 23 | 65.7 | |
| GRAND TOTAL | 2482 | 132 | 5.3 | 1109 | 650 | 58.6 | |

HERE is an alphabetical listing of the 793 Line lieutenant commanders selected for commander by the Navy:

Abbott, Edwin W, III Anderson, C R
 Adams, F M Anderson, J L
 Adams, Fred Irwin Anderson, P E
 Adelman, J L Anderson, R W
 Aicklen, W J, Jr Andrus, R C
 Alexander, A G Ansel, David Dyer
 Allen, C D, Jr Appert, E P
 Allred, Jimmie B Apthorp, G B
 Amme, Richard David Arguelles, J R

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Armstrong, F D, Jr
 Atkinson, Roy C
 Bacchus, R E
 Bach, Nicholas R
 Bagley, W H
 Bailey, D L
 Bailey, E C
 Baker, Robert G
 Balfie, J McK
 Banks, C A, Jr
 Barksdale, D A
 Barnes, Alan F
 Barnes, Jerald Dean
 Barnes, W B
 Barry, J H
 Bartholomew, B W
 Barton, C A
 Baxter, J A
 Beam, Jay Ky
 Beck, Charles Emil
 Becken, B A
 Becker, Karl Edmund
 Benson, W D
 Berry, Henry Martin
 Beyer, D A
 Beyer, George Marion
 Biordi, R V
 Blivin, Homer Richard
 Blair, James Adams
 Blanks, A Leroy
 Blevins, W D
 Blondin, John Louis
 Blount, R H
 Bobeck, William J
 Bodamer, Robert E
 Boland, Paul
 Bolter, Jack Warren
 Borstedt, F C
 Bothwell, J H
 Boulding, A L
 Boule, A E, Jr
 Bouwman, F G
 Bowdley, F D
 Bowen, A M, Jr
 Bowen, T J
 Bowerman, R G
 Boyd, Carl James
 Brady, D P
 Braid, R A
 Braly, H L, Jr
 Brand, Richard Garth
 Brazzell, Robert Jay
 Breen, C E, Jr
 Brenner, T B
 Brett, Robert Paul
 Brittain, T B, Jr
 Broadfield, W H, Jr
 Broome, F B
 Brooke, Rupert
 Brooks, R I, Jr
 Brotherton, W D, Jr
 Brown, B B, Jr
 Brown, F T
 Brown, Kenneth
 Brown, Robert Lee
 Brubaker, D E

—Continued on page 20



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MARINE CORPS ORDERS:

Col. Adams Will Command 1st MAW; Cols. Jewson, Kunz To Air FMF Pacific

Commandant—General David M. Shoup
Assistant Commandant—Lt. Gen. John C. Munn
Chief of Staff—Lt. Gen. Wallace M. Greene, jr.

BRIG GENERAL

Tschirgi, Harvey C, to temp disab ret list.

COLONEL

Adams, Arthur H, Stf CINCEur, to CG 1st MAW.
Dobson, Charles E, jr, 1st MAW, to MarCor Air Bases, Western Area.
Jewson, Winston E, 3d Mar Div, to Air FMFPac.
Kunz, Charles M, 1st MAW, to AirFMFPac.
Boulker, John G, JTSTF, Pentagon, to Hq MC.

LT COLONEL

Merrick, Herbert R, jr, 2d Mar Div, to CO MarCorCompNAG.
Pepper, David H, ForTrps FMFLant, to 2d Mar Div.

MAJOR

Peard, Roger W, jr, 1st MAW, to 2d MAW.
Mooney, Thomas G, 3d MAW, to 1st MAW.

CAPTAIN

Higgenbotham, Robert L, 3d Mar Div, to MB NAS, Quon Pt.
Angelo, Leon N, MCS, Quant, to Chief Nav Mission, Haiti.
Kerrigan, Hunt S, MB, Bklyn, to 1st MCRRD.
Preble, Lee A, Monterey, Calif, to Chief Nav Mission, Haiti.
Baker, Clarence M, AirFMFPac, to Comdr Nav Air Test Cen, PaxRiv.
Chase, Marshall C, 3d Mar Div, to MCB CamPen.
James, Perry L, NAS, Pncla, to Comdr Nav Air Test Cen, Pax Riv.
Dimick, George D, 2d MAW, to MAG-31.
Weaver, Vonda, Spokane, Wash, to ForTrps FMFPac.
Jacobson, Earl E, jr, 1st MAW, to MAD NABTC Pncla.
Ross, William H, jr, FMFPac, to 1st Mar Brig.
Shaver, Glenn J, jr, 1st MarBrig, to FMF Pac, for du as Aide de Camp for MG D M Weller.

To 1st MAW

Kerr, John F, jr, Hq MC.
Reiniche, Harvey T, Wash, DC.
Noe, Frederick J, 3dMAW.

1ST LIEUTENANT

Smith, Malcolm E, jr, 1st Mar Div, to CG Army Intel Cen, Ft Holabird.
Lattanze, Robert E, 3d Mar Div, to MCB CamLd.
Root, Roland W, 3d MAW, to II 2d VOMMSPTBn USMCR, Chicago.
McGee, David O, 1st Mar Div, to MB NTC G Lakes.
Grant, Richard B, MCS, Quant, to ForTrps FMFPac.
McKee, Dennis T, El Toro, Calif, to 3d MAW.

To 2d Mar Div

Wilkerson, Melvin V, jr, 1st Mar Div.
From MCS, Quant:
Piwowarczyk, R W Tanner, L E

To MCAS, CherPt

O'Brien, John F, 3d Mar Div.
Poore, Horace, 1st MAW.

2D LIEUTENANT

Bean, Edwin, jr, MCS, Quant, to USS Bon Home Richard.
Jarvis, David C, Beeville, Tex, to 1st Mar Brig.
Lee, William S, MCS, Quant, to MCB Cam Lej.
Orr, Allen C, New Iberia, La, to 3d MAW.

To 2d MAW

From New Iberia, La:
Brown, John M, jr Vermilyea, Clyde L
From Beeville, Tex:
Jackson, James M Taus, Thomas S

To 1st Mar Div

Bennett, Allan L, NS S Fran.
Glenn, Norman L, MCS, Quant.

To 2d Mar Div

From MCS, Quant:
Pope, Charles N Worth, William J

To 3d Mar Div

From MCS, Quant:
Hollifield, C M, jr Joy, Michael E
Nealy, Bruce W Smith, Robert W
Keller, Edward F

To MCS, Quant

Cozby, Grady R, jr, CorpC.
McGinn, John J, NAS, Pncla.

Army Navy Air Force Journal 7
4 Nov. 1961 (Vol. 99, P. 265)

To ForTrps FMFPac

From MCS, Quant:
De Walt, Donald H Powell, Charles W
To ForTrps FMFLant

From MCS, Quant:
Hall, Richard G Henderson, David G
Zoder, Wallace L, 2d Moore, Denis A
Dempsey, Daniel G Carney, James F
Durham, G W, jr Clemente, Nicholas A
English, J A, jr Sias, Nichol P

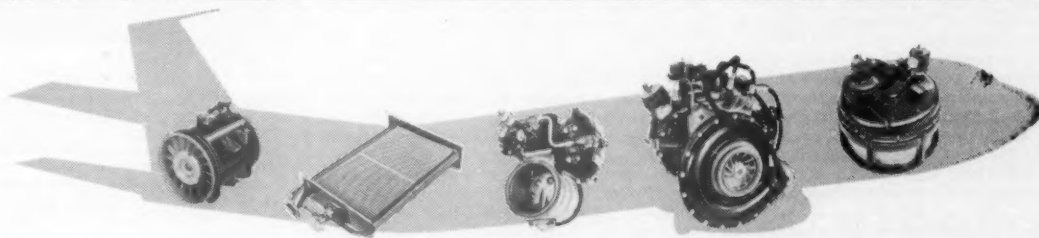
CHIEF WARRANT OFFICER

Holme, Charles A, MCS, Quant, to USN Ord Sup Off, Mechanicsburg, Pa.

WARRANT OFFICER

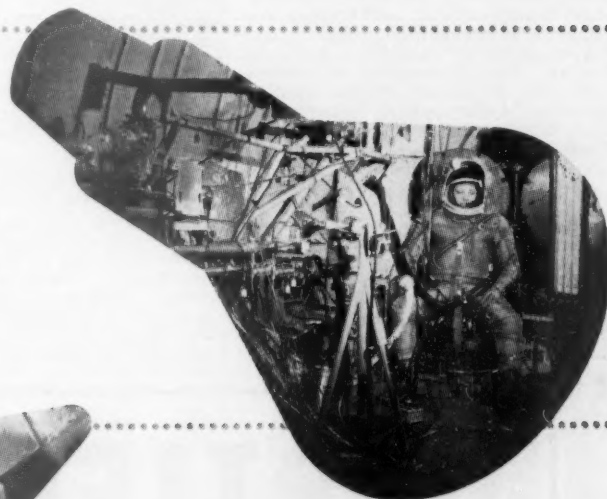
Kimmey, Henry C, Chicago, to ForTrps, FMFLant.

—Continued on page 21



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SAC AIRMEN PROMOTIONS ZOOM

THE Strategic Air Command on 1 December will promote 1,550 airmen to master and technical sergeant. Of this total, 916 will be used for promotion to technical sergeant; the remaining 634 will be used for master sergeant slots.

Compared to the June cycle, the December quotas reflect an increase of 46.4% for master sergeant promotions, and an increase of 36.3% for techs. These increases, the result of Air Force-wide programed losses, have set the selection ratio at 1-30.4 for M/Sgt, and 1-48 for T/Sgt.

3 New Professors At USAF Academy

Three Air Force Academy faculty members have been sworn in as permanent professors at the Academy after word was received of their appointments by President Kennedy.

The new permanent professors, whose promotions to the rank of Colonel came with the appointments, are former Lt. Cols. W. H. Ruenheck, Professor and Head of the Department of History; Alfonse R. Miele, Head of the Department of Foreign Languages; and Wayne A. Yeoman, Department of Economics Professor and Head.

Public Law authorizes the Academy to have a permanent dean of the faculty, 21 permanent professors and a permanent registrar. The three new additions bring the total now appointed to 11.

Permanent professors at the Air Force Academy, in addition to the three new appointees, include the Dean, Brig. Gen. McDermott; Col. Virgil J. O'Connor, Cadet Registrar; and the following academic department heads: Col. Archie Higdon, Mechanics; Col. Peter R. Moody, English; Col. Christopher H. Munch, Law; Col. Wesley W. Posvar, Political Science; Col. James V. G. Wilson, Electrical Engineering; and Col. William T. Woodyard, Chemistry.

I. G. Manpower Chief

Col. William T. Jones, has been named Chief of the Manpower Branch, Directorate of Support Services Inspection, it is announced by Maj. Gen. Charles W. Schott, USAF Deputy Inspector General for Inspection, at Norton AFB, Calif. The Directorate of Support Services Inspection is headed by Col. T. G. Wold.

MATS Will Instruct In Nuclear Safety

Selected MATS military men and civilians will begin specialized training in missile and nuclear transportation safety procedures this year.

MATS Nuclear Safety officials said that a series of the three-week courses will be conducted at Sheppard AFB, Tex. They are expected to begin during the third or fourth quarter of FY 1962, and continue for the next two or three years.

The program, which will be attended by traffic, safety and supervisor loadmaster personnel, will include actual loading of large ballistic missiles and nuclear warheads. Extensive instruction in other phases of missile and nuclear transportation also will be offered.

Although designed primarily for MATS purposes other major air commands have been invited to participate in the new program.

MATS units have been requested to submit their requirements for attendance. Current plans call for a minimum of six classes each year.

Canadian Bomarc Base Joins NORAD

The North American Air Defense Command composed of the USAF, Army and Navy units and RCAF forces soon will be strengthened by the addition of its first Bomarc base at North Bay Canada.

The command is sending approximately 90 RCAF members to Hurlburt Field, Fla. to undergo Bomarc missile training until 22 December.

L/C Sanda Is Robins Deputy

Lt. Col. John A. Sanda, has been appointed Deputy Base Commander for Robins AFB, Ga. He replaces Lt. Col. Robert M. Kernan, assigned as Chief of the Base Services Division.

Col. Sanda and his family are residing in quarters on Robins AF Base.

L/C Carey At Tyndall

Lt. Col. Constantine G. Carey is the newly assigned Chief of Operations and Training, Technical Training Group, Tyndall AFB, Fla.

He reported from Sparrevohn AFB, Alaska.

AIR FORCE ORDERS:

M/G Ferguson Named Ass't. Deputy CofS M/G Mitchell To Be Vice Commander AFSC

Eugene M. Zuckert—Secretary of the Air Force
Joseph V. Charyk—Under Secretary of the Air Force
Joseph S. Imrie—Assistant Secretary (Material)
—Assistant Secretary (Financial Management)
Brockway McMillan—Assistant Secretary (Research & Development)
General Curtis E. Le May—Chief of Staff

GENERAL OFFICERS—

Major General

Ferguson, James, Andrews AFB, to Ofc. DCS/Rsch & Technology, Hq USAF, Wash DC, for dy as Asst of DCS/Rsch & Technology, eff on ret of LtGen Roscoe C Wilson, NLT 1 Nov.
Mitchell, Clyde H, Hq AFSC, Andrews AFB, is reld fr dy as DCS/M, AFSC, & asg dy as VComdr, AFSC, eff on dep MajGen James Ferguson.

Brigadier General

Leonhard, William E, WashDC, to Hq AFSC, Andrews AFB, for dy as Asst to Comdr, AFSC, & eff on dep MajGen Clyde H Mitchell, dy as DCS/M, AFSC, NLT 23 Oct.
Box, Clyde, Pope AFB, to Hq 4500th AB Wg, TAC, Langley AFB, w/dy sta Det 1, MacDill AFB, for dy as Dir, J-5, US Strike Comd, NLT 1 Nov.

COLONEL

Maney, John R, WashDC, to Hq AFLC, Wright-Patterson AFB.

LIEUTENANT COLONEL

Risher, Edward H, Eglin AFB, to 81st Tac Ftr Wg, APO 755, NY.
Spivey, Alver K, Eglin AFB, to Armed Svcs Tech Info Agcy, Arlington Hall Sta, Va.

MAJOR

Gray, William A, Wright-Patterson AFB, to dy sta AF Fld Petroleum Ofc, Maywood, Calif.
Hanah, Maurice M, Hill AFB, to dy sta Det 8, Royal Hellenic AF, APO 192, NY.
Norway, Albert J, WashDC, to Hq 3d ADIV, SAC, APO 334, SF.
Howell, Murrell M, Eglin AFB, to dy sta Texas Technological College, Lubbock.

CAPTAIN

Russell, Charles H, Jr, Duluth Air Def Sctr, to 4th Ftr-Intep Sq, PacAF, APO 919, SF.
Seidler, Paul D, Hill AFB, to 6332d Dispensary, APO 239, SF.
Johnson, Norman J, Eglin AFB, to dy sta AFSC Rgnl Ofc, Dept of Navy, WashDC.
Johnston, Robert L, Eglin AFB, to Hq Ofc Mil Sch, Lackland AFB.
Webre, Francis L, Brookley AFB, to Hq AMFEA, AFLC, APO 10, NY.

1st LIEUTENANT

Conroy, James E, Duluth Air Def Sctr, to 497th Ftr-Intep Sq, AFE, APO 283, NY.
Murray, Ronald S, Duluth Air Def Sctr, to 507th Ftr Wg, ADC, Kincheloe AFB.
Franklin, Calvin W, Eglin AFB, to Hq Ofc Mil Sch, Lackland AFB.

CHIEF WARRANT OFFICER

Fox, W-2 Glenn D, Duluth Air Def Sctr, to 923d AC&W Sq, ADC, APO 434, NY.

RETIRED—

Colonel

Person, Herbert C, Mahon, Herschel D
Craig, Charles W G, Calkins, Wesley E
(LtCol) as LtCol & Adv to Col
Jobanek, Wilbur L

Lt Colonel

Gorman, George D, Jr, Jones, Oval W
Barber, Jon M, Owen, Richard R
Flanagan, Richard W, Millsaps, B B
Moffatt, Robert J, Brown, Lawrence, as
Barnhardt, James W, Col
Mealyard, C R, Crownover, H B
McAdams, Clayton A, Nicol, Lester W, as
Peterson, Sumner W, Col
McCracken, Delmar I, Bedford, John P

(Maj) as Maj & Adv to LtCol

Watson, James W, Nicks, Howard L

Major

Toms, Michael, Lake, Donald O
Fridgen, F H, Clauer, Harold F
Espinosa, Lorenzo, Hempstead, George
Dickert, James R, H, Jr
Ligino, Steve, McCarthy, Wayne G

As LtCol

Crozler, John P, Jones, Walter D, Jr
Fowble, Keith D, Richards, Harry C
Eoswell, Harry R, Fletcher, F H
Snyder, Howard H, Ludwig, Ervin J
Scott, George H, Daniel, Harold E

Captain

Ramsey, James D, Heinrich, William T
Upham, William C, Randall, Gordon K

As Maj

Padgham, R L, Brown, James B
Shockey, B B, Guest, W B
Behrens, Leroy E, West, George S, Jr
Bolling, George R, Finch, Kenneth T
Brochart, L L, Porter, James D
Papp, M E, Crawford, Clay A
Horner, Lawrence H

Chief Warrant Officer

Coy, W-4 Harold E.
Bradshaw, W-2 Herbert N.
Jones, W-2 William P, as W-4.
Richards, W-2 Dwayne C.
Pierce, W-2 Harold L.
Moore, W-2 Charles A, as W-3.
King, W-2 Richard J.
Martin, W-2 James W, as Capt.

OFFICERS TO TEMP DISAB RET LIST—

Nevin, Maj William B, Jr.
Fraser, Maj (Capt) Carl S, as Maj.

PERMANENT PROMOTIONS—

W/DR 61

Major

17 Oct: Gingland, R F; Moore, Charles P;
Paris, George E, Jr; Swain, Charles A.
18 Oct: Caselman, Everett, Jr; Quenk, J J.
(MSC).
19 Oct: Bocken, R C; Stephan, L P; Batuso, J K; Fenton, Melvyn; Farnham, A E.

REGAF APPOINTMENTS—

As 2d Lieutenant

Nordhauser, Fred

AIRMEN RETIRED AS OFFICERS—

Lacy, M/Sgt Doyle F, as WO-1.
Lupo, SM/Sgt Silvio, as WO-2.

AIRMEN ADVANCED ON RET LIST—

Foster, M/Sgt Hiram M, as WO-1.

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| 59 FIS 64th AIR DIV GOOSE AB LABRADOR F-102 | | | | | |
|---|-------------|-------------|-------------|-------------|-------------|
| TEAM CAPT. LTCOL Frank R. Jones | | | | | |
| TEAM | I | II | III | IV | TOTAL |
| FR JONES | | 425 | 825 | 825 | 2075 |
| RE WHITE | 25 | | 25 | | 50 |
| JC MACHUN | | 425 | | | 425 |
| EA BERGSCHNEIDER | 825 | | | 25 | 850 |
| DOUGLAS PIS | 150 | 150 | 150 | 150 | 600 |
| TOTAL | 1000 | 1000 | 1000 | 1000 | 4000 |
| WEAPONS LOADING SCORE 1018 | | | | | |

Lt. Col. Frank R. Jones, and the "Jones Boys" flying the "Deuce from Goose" scored top honors in the William Tell 1961, USAF interceptor weapons meet. The "Jones Boys" are the 59th Fighter Interceptor Squadron team from Goose Air Base, Labrador, flying F-102 Delta Daggers.

Colonel Jones and his Boys in their four William Tell missions had all perfect hits on the Ryan Firebee target drone to become the first supersonic interceptor team in the seven year history of William Tell weapons meets to record a perfect score in overall competition.

Lt. Col. Jones, squadron commander of the 59th, is the individual top scorer in the meet with 2,075 points of the team's 4,000 point total. In three scrambles against the tiny Firebees, he sent two of them spiralling into the Gulf of Mexico and scored an "Area One" kill on the other.

Colonel Jones is 39 years old, married to the former Margorie Hicks of Omaha, Neb., and has a one-year-old daughter, Kimberly Ann.

Second high scorer among the "Jones Boys" is Capt. Ethan Bergschneider, with 850 points. Third is Capt. John Machun, with 425 points and fourth with 50 points is Capt. Richard E. White. Captain White flew as wing man on the missions in which the lead aircraft on each mission killed the target, leaving him nothing to shoot at.

The "Jones Boys" were awarded the team and individual trophies as champions in the Category II, F-102 interceptor competition at Tyndall. They also won the Royal Canadian Trophy which is being awarded by Canada's RCAF to the highest scoring air defense team in the overall William Tell 1961 competition.

In the above photo, with their scoreboard, they are: left to right, Team Captain, Colonel Jones, Captain Bergschneider, Lt. John R. Osborne, Captain White, Captain Manfred C. Holly, Jr., and Captain Machun. Captain Holly and Lieutenant Osborne were 59th Team Alternates who did not get a chance to fire for competition in the meet.

Tally Of Final Scores In 1961 Interceptor Weapons Meet

CATEGORY I—McDONNELL F-101 VOODOOS

- 1st Place 445th FIS, Wurtsmith AFB, Oscoda, Mich.Final score—3,300 pts.
- 2d Place 83d FIS, Hamilton AFB, Novato, Calif.Final score—2,900 pts.
- 3d Place 18th FIS, Grand Forks AFB, Grand Forks, N. D.Final score—2,076 pts.
- 4th Place 75th FIS, Dow AFB, Bangor, Me.Final score—1,575 pts.

CATEGORY II—CONVAIR F-102 DELTA DAGGERS

- 1st Place 59th FIS, Goose Air Base, LabradorFinal score—4,000 pts.
- 2d Place 182d FIS (ANG), Kelly Field, San Antonio, Tex.Final score—3,100 pts.
- 3d Place 317th FIS (AAC), Elmendorf AFB, Anchorage, AlaskaFinal score—2,750 pts.
- 4th Place 331st FIS, Webb AFB, Big Springs, Tex.Final score—2,700 pts.
- 5th Place 3558th FIS (ATC), Perrin AFB, Sherman, Tex.Final score—2,650 pts.

CATEGORY III—Convair F-106 Delta Darts

- 1st Place 456th FIS, Castle AFB, Merced, Calif.Final score—2,850 pts.
- 2d Place 498th FIS, Spokane Intl Airport, Spokane, Wash.Final score—2,375 pts.
- 3d Place 539th FIS, McGuire AFB, Trenton, N. J.Final score—2,075 pts.
- 4th Place 11th FIS, Duluth Muni Airport, Duluth, Minn.Final score—2,000 pts.

Hits Bullseye



M.A.J. Warney L. Crosby, captain of the 498th Fighter Interceptor Squadron team in William Tell 1961, the USAF interceptor weapons meet, calls his shot as he paints a bullseye on a Ryan "Firebee" target drone prior to takeoff.

The flying prognosticator made sure his prediction would come true by blasting the target drone from the sky over the Gulf of Mexico while flying an F-106.

Navy Pilot Scores In USAF Meet

Davy Jones' Locker received a target drone compliments of a record breaking Navy Pilot competing in William Tell 1961, the USAF interceptor weapons meet being held at Tyndall AFB, Fla.

Lt. John T. Carroll, the first Navy pilot ever to compete in this air defense meet, added to his growing list of records by sending a Ryan "Firebee" drone to the depths of the Gulf of Mexico with a Douglas MB-1T "Genie" air-to-air rocket. This "kill" was the first in the F-106 "Delta Dart" interceptor competition.

Lt. Carroll is a service exchange pilot assigned to the 498th Fighter Interceptor Squadron in Spokane,

Grand Forks Team Wins Top Honors In "Bear Cat" Weapons Loading Contest

RESULTS of the William Tell 1961 "Bear Cat" air defense weapons loading competition were announced following the USAF interceptor weapons meet at Tyndall AFB, Fla.

Missile and rocket loading airmen of the 18th FIS team from Grand Forks AFB, N. D., won the top score of 1,066 out of a maximum 1,120 point possible, making them the highest-scoring "Bear Cat" of the entire USAF weapons competition. The 18th weapons loaders were TSgt Clement R. Granger, SSgt Clarence T. Tollefson and Alc Ronald G. Smith, who took first place in the F-101 Voodoo category I judging.

Bear Cat winners in the category II division were airmen of the 59th FIS team from Goose Air Base, Labrador who won 1,018 weapons loading points to lead four other F-102 Delta Dagger missile handling teams. The 59th winners were TSgt Thomas J. Evans, and SSgt Roy R. Badger.

In the category III F-106 Delta Dart division, missile and rocket loading airmen of the 456th FIS team from Castle AFB, Calif. earned 946 Bear Cat points to put their team in top place. Airmen of this team were TSgt William E. Reffner, SSgt Harold D. Sumpter, Alc Jack A. Davis and Alc Paul A. McDermott.

This year's William Tell weapons loading competition is the first such contest held in the seven year history of air defense weapons meets. It was held to demonstrate the Air Force armament technicians ability to load and handle air-to-air weapons under competitive conditions which simulates time and safety standards required in combat operations.

Col. Lloyd W. Neighbors, is chief of the Air Defense Command's Bear Cat judging team. He was assisted by Capt. Elon Long and TSgt Robert E. Johnson.

Final Bear Cat scores by teams and categories were as follows:

CATEGORY I—McDONNELL F-101

First Place: 18th FIS, Grand Forks AFB, N. D., 1,066 points.

Second Place: 445th FIS, Wurtsmith AFB, Mich., 876 points.

Third Place: 75th FIS, Dow AFB, Me., 744 points.

Fourth Place: 83d FIS, Hamilton AFB, Calif., 714 points.

CATEGORY II—CONVAIR F-102

First Place: 59th FIS, Goose Air Base, Labrador, 1,018 points.

Second Place: (tie) 331st FIS, Webb AFB, Tex., 854 points; and 182d A. N. G., Kelly AFB, Tex., 854 points.

Third Place: 317th FIS, Elmendorf AFB, Anchorage, Alaska, 740 points.

Fourth Place: 3558th FIS, Perrin AFB, Tex., 572 points.

CATEGORY III—CONVAIR F-106

First Place: 456th FIS, Castle AFB, Calif., 946 points.

Second Place: 498th FIS, Spokane International Airpt., Wash., 934 points.

Third Place: 539th FIS, McGuire AFB, N. J., 898 points.

Fourth Place: 11th FIS, Duluth Municipal Airpt., 894 points.

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4 NOVEMBER 1961

Saturn Success A Tribute To The Military

The thrilling success of the first firing of the Saturn rocket is a tribute to the early research and development carried on by the Armed Services and the civilian defense industries associated with them.

The C-1 Saturn space vehicle which was test flown by the National Aeronautics and Space Administration 27 October at Cape Canaveral was powered by eight H-1 rocket engines designed and produced by Rocketdyne, a division of North American Aviation. The engines are, in fact, highly simplified descendants of the engines that power the Thor and Jupiter IRBM missiles. The turbopump which moves the propellant to the combustion chamber already had been proven in hundreds of Atlas, Thor and Jupiter flights.

Development of the engine followed an Advanced Research Projects Agency authorization to the Army Ballistic Missile Agency (now incorporated in NASA) in 1958 to develop a super booster with approximately 1.5 million pounds of thrust. Saturn development came under NASA's direction in October of 1959, six months after Rocketdyne delivered the first H-1 engine.

Another defense industry contributing to Saturn's success is the Lockheed-Georgia Company which built the higher-temperature-resistant flame shields for the booster, the thrust rings, bond seal assemblies and antenna radiation shields.

Analysis of the data on the Saturn flight reveals that it reached a maximum velocity of 3,607 miles an hour, attained an altitude of 84,813 miles, and developed a maximum of 1,515 million pounds of thrust. Four of the engines burned 109.37 seconds and the other four operated for 115.15 seconds.

The space vehicles made possible by the Saturn engines offer promise of great strides for the National Defense as well as for peaceful exploration.

Is Unified Language Training Next?

During Senate Armed Services Committee hearings this year, Chairman Richard B. Russell (D-Ga.) expressed the hope that military intelligence and communications activities could be brought under unified command structures. Secretary of Defense McNamara acted quickly to effect both changes.

Now the Services are awaiting the Pentagon chief's decision on another important "merger" urged by the Senate Chairman. At the same time that Senator Russell recommended unified intelligence and unified communications organizations, he also observed that all language training in the Armed Forces could be brought under "one" roof. Secretary McNamara "fully" agreed. It will come as no surprise, therefore, if this move is next in the Pentagon reorganization drive.

Many members of Congress have urged that all military language training be turned over to the Army Language School at the Presidio of Monterey in California.

Only this week—1 November—the School celebrated its 20th anniversary with announced plans to develop two new courses—Swahili and Toishan.

Looking to the future, the Commandant of the School, Col. James L. Collins, Jr., noted that "The ever growing list of new African states appearing on the world's roster of nations underlines the growing importance of that area of the world." He said plans to develop the course in Swahili were made in view of the strong probability that African linguists may be necessary to the Army mission in the near future.

Although there are 800 sub-Saharan languages, Swahili is the most widely-spoken African tongue. Toishan is a dialect in Southern China.

Since the Army Language School was moved to the Presidio from Minnesota in 1946, prolonged international tension has drawn language after language into the curriculum. Today, the School is the largest institution of its kind in the free world. In addition to English, it teaches

28 languages which enable the Armed Forces to communicate with nearly 75% of the world's people.

If and when Secretary McNamara decides to merge Service language training, the Army School is a strong candidate to supervise the unified effort.

READERS' VIEWS

Hostess Applications

■ Reference is made to our letter date 6 June 1961 requesting your assistance in recruitment for an Assistant Cadet Hostess at the Academy. It would be appreciated if you would advise your readers that we are no longer accepting applications for this position. Your assistance to the Military Academy has been greatly appreciated.

J. J. STAPLETON
CIVILIAN PERSONNEL OFFICER

Special Warfare Museum

■ The Special Warfare Center at Ft. Bragg, N. C. has established a museum as a repository for historical items from Ranger Units (World War

II and Korea), the 1st Special Services, Special Forces Units, and Psychological Warfare Units.

Donations or loans of items of historical interest from members, former members or associations of the above units are solicited and welcomed. Each item donated or loaned should be identified with a short description; a historical background; and the complete name, address and unit or former unit membership of the donor or loaner. These items should be mailed to the Curator, U. S. Army Special Warfare Center Museum, Fort Bragg, North Carolina.

CHARLES R. SMITH
MAJOR, INFANTRY
OFFICER-IN-CHARGE
SPECIAL WARFARE CENTER MUSEUM
FORT BRAGG, NORTH CAROLINA

General Eisenhower Opens SHAPE Village In France; Eugene Ely's Death Is Warning; Invalid Corps Badge

10 Years Ago—General of the Army Dwight D. Eisenhower this week officially opened SHAPE Village at Supreme Headquarters Allied Powers in Europe, Requencourt, France. The village will have quarters for approximately 250 military personnel and their families.

50 Years Ago—The very distressing death of the aviator, Eugene Ely, a large part of whose reputation came from his splendid flight some months ago to the deck of the U.S.S. Pennsylvania on the Pacific coast, and his return flight from ship to land, should be a warning, if such is needed, to Army and Navy aviators against the danger attending circus feats in the air done to satisfy the morbid curiosity of danger-hungry crowds.

98 Years Ago—The Secretary of War directs that for each battle in which every officer, non-commissioned officer, and private of the Invalid Corps may have been engaged and borne an honorable part, a scarlet braid, one-sixth of an inch wide, may be worn on the right arm, with a space of one-sixth of an inch between each braid. This will become an honorable badge, showing the service the officer or soldier has performed, and will be as highly prized by the brave wearers as the ribbons and crosses so proudly worn by the veterans of European armies.

Military Surgeons Meet In Washington

MORE than 2,000 physicians, dentists, veterinarians, nurses and other health specialists are expected to attend the 68th annual meeting of the Association of Military Surgeons at the Mayflower Hotel, Washington, D. C., 6-8 November.

The Association's Sir Henry Wellcome Medal and \$500 prize will be presented to Capt. Austin D. Potenza, MC, USA, Chief, Department of Experimental Surgery, Walter Reed Army Institute of Research.

Other recipients of special awards and honors are:

Gorgas Medal—Dr. James R. Shaw, Medical Director, U. S. Public Health Service and Chief, Division of Indian Health.

Major Louis Livingston Seaman Prize—Maj. Charles E. Coner, MSC, USA, Walter Reed Army Institute of Research.

Founders Medals—Dr. James K. Shafer, Health Advisor, Office of Emergency Planning and Dr. Thomas J. Kennedy, Jr., Assistant to the Director of Laboratories and Clinics, National Institutes of Health.

Stitt Award—Col. Joe M. Blumberg, MC, USA, Deputy Director, Armed Forces Institute of Pathology.

Federal Nursing Service Award—Lt. Col. Harriet H. Werley, ANC, Chief, Department of Nursing, Walter Reed Army Institute for Research.

McLester Award—Mrs. Adelle C. Pittman, Chief, Nutrition Service, Regional Office, Veterans Administration, Houston, Tex.

Sustaining Membership Award—Cdr. Edward L. Alpen, MSC, USNR, Head

Biological and Medical Sciences Division, U. S. Naval Radiological Defense Laboratory, San Francisco.

Andrew Craigie Award—Maj. Paul E. Hibberd, MSC, USAF, Chief, Pharmacy Service, USAF Hospital, Lackland AFB, Tex.

The theme of the three-day meeting will be "International Medicine—Path to World Progress." Capt. John E. Nardini, MC, USN-Ret., will deliver the William S. Porter Lecture on 7 November on "Psychiatric Aspects of Prisoner of War Confinement."

Maj. Garcia Takes New Redstone Post

Maj. Orlando Garcia is the new Chief, Procurement Division, Industrial Operations, at the Army Rocket and Guided Missile Agency, Redstone Arsenal, Ala.

He reported to his new job after a tour of duty on the Industrial Operations Projects Staff. Contracts under his responsibility amount to nearly \$300 million of the Army's procurement funds.

WAC CENTER DEPUTY

Lt. Col. Martha M. Bonner has been named deputy Commanding Officer of the WAC Center at Ft. McClellan, Ala.

Colonel Bonner, personnel officer at the WAC Center since August 1960, replaces Lt. Col. Lois S. Hinckley.

Colonel Bonner and her husband, Fred H. Sorrough, a retired Air Force officer, live at 703 Jacksonville St., Weaver, Ala.

MISSILE FRIGATE JOINS THE FLEET

MACDONOUGH (DLG-8), a 512-foot guided missile frigate, joins the fleet 4 November at Boston Naval Shipyard. She will be the fourth ship in the Navy's 186-year history to bear the name, MacDonough which once again honors Com. Thomas MacDonough. He won success at the Battle of Plattsburgh Bay, Lake Champlain in 1814, described later as one of the most significant in the history of seapower. His decisive victory forced the British Army to retreat into Canada and closed the Great Lakes to British shipping.

The MacDonough is equipped with the Advanced Terrier guided missiles, an effective surface-to-air and surface-to-surface weapon. Also on board is Asroc armament, torpedoes, and conventional destroyer type guns.

Commanding the 5,000-ton frigate and her nearly 400 officer-enlisted crew is Cdr. William G. Hurley, USN.

Navy Commissions World's Biggest Ship; Carrier Joins Active Fleet In January

THE USS Constellation, newest of the Navy's new ships and the world's largest vessel, will begin builders trials today, 4 November, and will be ready for sea by 6 January.

Commissioned at the New York Naval Shipyard on 27 October (Navy Day), the 60,000-ton Forrestal class carrier is armed with two twin-launchers for Terrier surface-to-air anti-aircraft guided missiles. Her speed will be in excess of 30 knots and she will eventually be manned by approximately 4100 officers and men, including air group personnel.

Construction of the big flattop was started in September 1959 and she was launched on 8 October 1960. Raked by fire two months later, her original commissioning date was delayed seven months. The fire damage was repaired at a cost of about \$48 million, bringing the total cost of the vessel to about \$300 million. She is the sixth Forrestal class carrier.

In overall length, the Constellation's 1047 feet equals an 80-story building. From keel to mast, she towers as high as a 25 story building, and her flight deck covers an area of 4.1 acres. The air conditioning system aboard the ship is capable of cooling two Empire State Buildings.

Capt. Thomas J. Walker, III, 45, prospective commanding officer of the new carrier, is a 1939 graduate of Annapolis where he was stroke of the Academy crew. His executive officer is Cdr. Charles K. Ruiz, 40, USNA '42.



Capt. Walker

A Naval Aviator since 1942, Captain Walker participated in the African invasion during WW II and later was assigned to Los Alamos as Prospective Bomb Commander for the fourth atomic bomb which was not dropped because the war ended.

Recently, he has served two tours of duty with the Polaris program, first as head of the Test Branch of the FBM program and, from 1958 to 1960, as head of the Ship Operations and Test Branch and as Chief of Systems Development Analysis. In April of last year he assumed command of the ammunition ship USS Nitro which he left six months later to report to his present assignment.

Commander Ruiz, like his skipper, is a Naval Aviator. He also is qualified for submarine command. During WW II, he served aboard the heavy cruiser Vincennes until the ship was sunk by the Japanese, and he then volunteered for submarine duty and completed nine war patrols. He took his flight training after the war ended and, from 1949 to 1961, flew some of the Navy's first jets as an acceptance test pilot.

During the Korean War, Commander Ruiz was operations officer aboard the USS Corregidor and executive officer of Fighter Squadron 102. He subsequently was graduated from the Naval War College served a tour in the Bureau of Aeronautics, commanded Attack Squadron 72 and then became Special Weapons Officer on the Staff of Commander, Second Fleet, his last assignment before reporting for duty aboard the Constellation.

VADM. Robert B. Pirie, Deputy CNO for Air, was principal speaker at the Constellation commissioning ceremony, attended by other ranking military and civilian dignitaries including Admiral Robert L. Dennison, Cinc, Atlantic Fleet, and Mrs. Christian Herter, widow of the former Secretary of State and sponsor of the new carrier.

8 Navy Squadrons Win Isbell ASW Trophies

Eight Navy aircraft squadrons have been named by the Martin Company as 1961 winners of the Captain Arnold Jay Isbell trophy. The awards are presented annually to Navy squadrons for excellence in air anti-submarine warfare operation.

West Coast aircraft squadrons receiving the honor included Patrol Squadrons 4 (Seventh Fleet) and 42 (North Island, San Diego), Air Anti-Submarine Squadron 38 (USS Bennington) and Air Anti-Submarine Helicopter Squadron 4 (USS Yorktown).

East Coast squadron winners were Patrol Squadrons 8 (Patuxent River, Md.) and 56 (Norfolk, Va.), and Air Anti-Submarine Squadron 34 and Air Anti-Submarine Helicopter Squadron 5—both of Quonset Point, R. I.

RAdm. Keith Replaces M/G Warren In Korea

RAdm. Robert T. S. Keith has succeeded Maj. Gen. Robert H. Warren, USAF, as Senior Member of the U. N. Command Military Armistice Commission in Korea.

Sec McNamara Sees Fleet At Sea

Ships of the Atlantic Fleet played host to Secretary of Defense Robert S. McNamara during a flying visit on 25 October to fleet training exercises about 70 miles off the Virginia Capes.

The Pentagon chief was accompanied by Secretary of the Navy John B. Connally, Chief of Naval Operations Admiral George W. Anderson, Attorney General Robert W. Kennedy and Deputy Attorney General Byron R. White.

The group witnessed anti-submarine warfare techniques aboard the USS Essex, conferred with VADM. John McNay Taylor, Commander Second Fleet, aboard the guided missile cruiser Little Rock, and observed a firing demonstration by the guided missile frigate Dewey from aboard the attack carrier Saratoga.

Secretary McNamara and his guests also watched a firepower demonstration by aircraft from the Saratoga.

Navy Will Bolster Firepower, Cruising Limits With New Missile, A-Powered Ships

From first page—

Next January will be a "bonus" month, however. Completion of six ships is scheduled: four destroyer-type missile ships, the Enterprise, and the newest Polaris fleet ballistic missile submarine Sam Houston.

In 1963, shipyards will be busy every month putting the finishing touches on new missile-carrying or A-powered vessels.

All of those to be completed during the next two years are ships approved in the annual appropriations laws for fiscal years 1956 through 1961. Some others in the same shipbuilding programs will not begin coming off the ways until 1964 and '65.

Here is the complete list of new guided-missile and nuclear-powered ships that will join the Navy in 1962 and 1963, showing the estimated completion date, the name of the ship, and the ship type and hull number. Vessels designated with an asterisk (*) are conversions; all others are new.

1962

Missile Ships

January—USS MacDonough, DLG 8; USS William V. Pratt, DLG 13; USS Sellers, DDG 11; USS Robinson, DLG 12. March—USS Biddle, DDG 5. June—USS Barney, DDG 6. August—USS Hoel, DDG 13. September—USS Leahy, DLG 16. October—USS Columbus, CG 12*. November—USS Albany, CG 10*. December—USS Berkeley, DDG 15.

Nuclear-Powered Ships

January—USS Enterprise, CVA(N) 65; USS Sam Houston, SSB(N) 609. March—USS Thomas A. Edison, SSB(N) 610.

Supply, Aviation Depots Separate Commands

Capt. Frederick A. Allis, SC, USN, assumed command of the Naval Supply Depot, 5801 Tabor Road, Phila., Pa., on 1 November, relieving RADM. Joseph M. Lyle, SC, USN, of part of his present dual command of the Supply Depot and the Navy Aviation Supply Office, also located on the Depot compound. Admiral Lyle will continue as Commanding Officer of the Aviation Supply Office.

Captain Allis has served as the Executive Officer of the Depot since 3 June 1960.

New Bedford Is The Name

Secretary of the Navy John B. Connally, Jr., has assigned the name New Bedford to the light cargo ship AKL-17. New Bedford, under operational control of MSTs, is a former Army freight and supply ship.

Her primary function is to provide support to the Texas Towers which are radar platforms along the Atlantic seaboard.

New Bedford, named after the town in Massachusetts which is her home port, is commanded by Capt. Sixto Mangual. She carries a 23-man civilian crew.

April—USS Permit, SS(N) 594. May—USS John Marshall, SSB(N) 611. June—USS Tinsola, SS(N) 606. September—USS Plunger, SS(N) 595. October—USS Pollack, SS(N) 603. November—USS Barb, SS(N) 596; USS Bainbridge, DLG(N) 25.

1963

Missile Ships

January—USS Harry E. Yarnell, DLG 17; USS Semmes, DDG 18. March—USS Gridley, DLG 21. April—USS Joseph Strauss, DDG 16; USS Dale, DLG 19. May—USS Worden, DLG 18; USS Tattnal, DDG 19. June—USS England, DLG 22. August—USS Chicago, CG 11*; USS Conyngham DDG 17; USS Richmond K. Turner, DLG 20. September—USS Goldsborough, DDG 20; USS Halsey, DLG 23. November—USS Reeves, DLG 24.

Nuclear-Powered Ships

February—USS Thomas Jefferson, SSB(N) 618. March—USS Jack, SS(N) 605; USS Dace, SS(N) 607. April—USS Lafayette, SSB(N) 616. June—USS Alexander Hamilton, SSB(N) 617; USS Guardfish, SS(N) 612. July—USS Andrew Jackson, SSB(N) 619; USS Daddo, SS(N) 604. August—USS John Adams, SSB(N) 620. September—USS James Monroe, SSB(N) 622. October—USS Nathan Hale, SSB(N) 623; USS Flasher, SS(N) 613. November—USS Woodrow Wilson, SSB(N) 624. December—USS Henry Clay, SSB(N) 625.

Popular Names For Navy Copters

Four operational Navy helicopters have been assigned popular names:

SEAHORSE—HUS-1, a single engine helicopter used in antisubmarine warfare. "This type helicopter is also used by the President of the United States for occasional local flights" the Navy said. It has a seating capacity of 12 to 18 passengers, or a net payload of 4,000 pounds for a distance of 100 miles.

SEABAT—HSS-1, a single engine helicopter capable of day or night flight under instrument flight conditions. It is used in antisubmarine warfare.

SEADRAGON—HSS-2, a twin-turbined, boat-hulled helicopter. As the world's largest amphibious helicopter it is expected to be a key weapon in antisubmarine warfare defense. HSS-2 recently claimed speed record when it flew 174.9 miles per hour over a 100 kilometer (62 miles) closed circuit course.

SEA KNIGHT—HRB-1, an assault transport helicopter with all-weather and shipboard capabilities.

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MEMO--

THERE'S A STRONG FEELING in the Air Force that the decision by Secretary McNamara to withhold spending of the additional funds for B-52 procurement, the B-70 program, and acceleration of the DynaSoar project, is attributable in good measure to the cost of the buildup of ground forces. It becomes increasingly apparent that if the Administration pursues the prospective request of \$53.7 billion for the next fiscal year while withholding the bomber funds, there will be Armed Forces budgetary fireworks on Capitol Hill.

YOU WILL HEAR MORE in the weeks and months ahead about the possible development of weapons which use other than nuclear devices as armament. General Curtis E. LeMay, Air Force CofS, has warned (see Page 1) that we cannot "delay our drive for defensive capabilities in space simply because so many people who are uninformed have the idea that nuclear weapons will always overwhelm any conceivable defense against them. Because of this idea," said General LeMay, "they equate nuclear weapons with doomsday. They look on space operations merely as an extension of the use of nuclear weapons."

GENERAL LEMAY MAINTAINS that "this may not be the case at all." He says that "tomorrow's space systems may use an altogether new kind of armament." Air Force leaders are certain during Congressional hearings early in '62 to be questioned at length about future weapon possibilities, and what must be done to meet this threat.

A NEW NAVAL HOSPITAL at Long Beach, Calif., is at the top of the Bureau of Medicine and Surgery's priority list for the next budget, but Under Secretary Paul B. Fay, jr., says there is "no certainty that sufficient funds will be available." At present, the Hospital Ship Haven and the Naval Station Dispensary provide medical services to 32,000 active duty personnel on ships homeported at Long Beach, 34,000 dependents, 18,000 retired personnel and 300 area shore activity personnel.

A SHARP CURTAILMENT OF its previously liberal Christmas leave policy for members of the Armed Forces is under consideration at the Pentagon. There is strong sentiment in the Defense Department to take such action due to continuation of the Berlin crisis. However, it has not yet been approved by either Secretary of Defense McNamara or Assistant Secretary of Defense (Manpower) Carlisle P. Runge.

SOME PORTIONS OF THE BOLTE REPORT (see page 1) may be implemented by the Defense Department before Congress convenes in January. These sections include elimination of special physical examinations as a prerequisite to promotion (the annual physical exam will suffice), the establishment of uniform minimum time in grade requirements for promotion, and the prohibition against giving a direct commission to anyone who can not complete 20 years service by age 55.

WHILE FINAL ARRANGEMENTS ARE BEING MADE to submit the Bolté recommendations to the Budget Bureau and Congress, the Services have been put to work developing transitional provisions to tie up some Bolté Report "loose ends." These provisions center about preventing promotion injustices to officers whose eligibility may be changed by the Bolté provisions. The Navy, especially, is hard at work to avoid the possible large-scale attrition among rear admirals. If implemented too suddenly, the Bolté recommendation for a selection to rear admiral (upper half) would force the retirement of many lower half rear admirals who would have completed five years in grade before they could be considered for promotion by a selection board.

HARD ON THE HEELS of Secretary McNamara's decision to withhold spending of additional money voted by Congress for the DynaSoar program, newsmen covering the dedication of the Honeywell Aerospace Facility (see page 25) questioned Company officials as to whether they believed "significant" acceleration could be achieved in the guidance and control area for this system with increased funding. The answer was a strong affirmative. An indication of the current tempo of guidance R&D, particularly in the space field, is the fact that during the past year Honeywell completed work on R&D contracts at the rate of one a week.

ARMY OFFICERS CAN EXPECT increased "cross-branch" assignments following expected implementation of the Hoelscher recommendations on reorganization of the Army (see page 1). The report recommends the centralization of all officer assignments in a Personnel Operations Office to be set up in the Pentagon. One reason for this recommendation is to prevent branch and technical service desires from "keeping the right man out of the right job" anywhere in the Army.

SAILORS FROM THE HAMMOCK ERA would no doubt gape in amazement at the accommodations for the crew of the new Constellation (see page 11). Every crew member of the Forrestal class carrier will have an individual berth with reading light and foam rubber mattress.

MEDICAL AND DENTAL FACILITIES aboard the new flattop include two hospital wards, two quiet rooms and two isolation wards for 84 patients, not counting an operating room, dressing room, pharmacy, general examining room, an eye, ear and nose examining room and four dental offices. There is even a "psychiatric consultation room".

VADM H. G. RICKOVER, who heads the atomic submarine program, most likely would take a dim view of the psychiatric consultation room aboard the Constellation. He has said that sailors on the nuclear-powered submarines have no psychiatric problems because there is no psychiatrist aboard to tell them so.

OTHER FACILITIES on the Constellation include a post office, three barber shops, a shoe repair shop, tailor shop, laundry and dry cleaning shop. Meals are provided by two bakeries, six galleys, two butcher shops, an ice cream plant, special diet kitchen and two vegetable preparation rooms.

IT WAS HOMECOMING for Secretary of the Navy Connally when he visited the aircraft carrier Essex (see page 11) with Secretary of Defense McNamara and other top Administration officials. The civilian Navy chief was an intelligence officer aboard the flattop in the Pacific during WWII.

GENERAL PAUL D. ADAMS, recently named chief of the U. S. Strike Command, has been given a "blank check" to recruit key command personnel regardless of present assignment or fixed tour status. The special authority is a reflection of SecDef McNamara's desire to see the command built up to full operational readiness as quickly as possible.

DISCRIMINATION AGAINST ANG AND RESERVE officers called to active duty to meet the Berlin crisis will be charged as the result of two recent messages sent to all Air Force commands. The Air Force says that ANG and Reserve lieutenants and captains recently called to limited active duty tours may apply for career status only if they possess a bachelor's degree or higher. At the same time, it told the Air Reserve Records Center in Denver that it can process up to 300 non-rated and non-college-graduate lieutenants and captains—not presently on active duty—for extended active duty tours.

IT TOOK THE "BABY" MEMBER of the House Armed Services Committee to make headlines out of the news that USAF bombers carry 50-megaton bomb loads. But don't expect a repeat performance from Representative J. T. Rutherford (D-Tex.). The 41-year-old Congressman was named to the Committee only at the close of the last session of Congress and has attended no meetings. Once he becomes an active member next January and is made privy to Defense Department secrets, any disclosure of similar information could bring censure along with the headlines.

A HARD AND FAST RULE of the Armed Services Committee is that members will guard against the disclosure of classified information they receive from Pentagon officials in closed-door meetings. Chairman Carl Vinson (D-Ga.) constantly reminds the other 36 Committee members of their obligation to keep security material under wraps. On the one occasion when the rule was broken some years ago, "Uncle Carl" called a special session of the Committee and had the Chief Counsel read the legal penalties for security violations.

IT IS A MYSTERY TO SOME where Congressman Rutherford obtained his information about the bombload. The Air Force said as far as it knows, the information had not been previously released. Before appointment to the Armed Services Committee to succeed former Representative Paul J. Kilday (D-Tex.), now a Judge of the U. S. Court of Military Appeals, Rutherford served on the Banking and Currency and Interior and Insular Affairs Committees, neither of which is concerned with military weapons.

TEXAS REPRESENTATION on the Armed Services Committee (there are two Democratic members at present: Rutherford and O. C. Fisher) will be boosted next January if Republican-hopeful John Goode wins the special election to fill the House seat vacated by Judge Kilday. Voters in Texas' 20th District were told by the Chairman of the Republican Congressional Campaign Committee, Representative Bob Wilson (Calif.), that Goode will be given an Armed Services Committee assignment if he is sent to Washington. The move is interpreted as an effort to woo the big retired military community in San Antonio.

OTHER GOP LEADERS, including former President Eisenhower, have taken the stump for Goode in the Texas battle. Before the Wilson promise can be fulfilled, however, Republicans would have to "persuade" another GOP member to leave the Armed Services Committee. The only alternative—an unlikely one—would be to increase the size of the Committee, already the largest legislative Committee in the Congress. It's impossible to forecast who might be "persuaded" to move to another assignment, but the junior GOP member now serving on the Committee is Representative Robert T. Stafford, former Governor of Vermont.

BRIG. GEN. WILLIAM O. BLANDFORD, USA, Military Executive to the Deputy Assistant SecDef for Education and Manpower Resources, is no longer "the chief" to his subordinates. His title was switched after Marshall A. W. Yeremenko of the USSR charged that General Blandford and his civilian bosses, Assistant SecDef Runge and Deputy Assistant SecDef Edward Katzenbach, are cooking up "anti-communist slop" in the "Pentagon kitchen." General Blandford's fellow workers now refer to him as "the chef".

THE ARMY LEADS in the number of Ph.D.'s in officer ranks, according to officials at the Naval Academy. They report that incomplete statistics indicate 1 out of every 300 Army officers has a Ph.D. In the Air Force, it's 1 out of 500 and in the Navy, 1 out of 800.

From page 5—

2d Lieutenant

Wersal, Peter A, Ft Bragg, to Hq USA Ryukyu Islands, Okinawa.
Zama, Walter A, France, to 54th Engr Bn, Germany.
Riggers, Homer L H, Jr, Ft Bragg, to Seventh USA, Germany.
Kilburn, Darrell D, Ft Leonard Wood, to 82d Engr Bn, USAREUR.

SIGNAL CORPS—

Maj Gen Ralph T Nelson, C Sig O
Lt Colonel

Jenkins, John F, Wash, DC, to USA Sig Tng Comd, Ft Monmouth.
Carter, Douglas H, Ft Lewis, to USA Elm OICS, Wash, DC.
Cheney, John L, Ft Bragg, to USA Sig TC, Ft Monmouth.

Major

Jacobsen, Edward T, Philadelphia, to Dy Sta AVCO Plant, Cincinnati, w/sta Evan-dale, O.

Captain

Campbell, Donald A, Tobyhanna, Pa, to Hq Sixth USA, Presidio of San Francisco.
Huffman, Odie, Ft Dix, to Germany.

To USMA, West Point

Abell, Julian L, San Francisco.
Holmes, Frederick S, Cambridge, Mass.

1st Lieutenant

Kindred, James W, Ft Knox, to Germany.
To 7th Sig Bn, Louveciennes, France
Barros, John J, Ft Bragg.
Lewis, David A, Ft Dix.

2d Lieutenant

Malone, Robert B, Ft Rucker, to France.
Burris, Jimmie D, Ft Bliss, to Off Stu Det, USAAVNS, Ft Rucker.
Sexton, Charles D, Philadelphia, to Off Stu Det USAAVNS, Ft Rucker.

ADJUTANT'S GENERAL'S CORPS—

Maj Gen Joe C Lambert, TAG
Colonel

Peters, Peter, WashDC, to Hq X USA Corps, Ft Lawton.

Lt Colonel

Gorman, Elmer R, WashDC, to Korea.

MEDICAL SERVICES—

Lt Gen Leonard D Heaton, SG
Medical Corps

Captain

To Germany

Humphries, David S, Roanoke, Va.
Leonard, Lawrence M, Boston, Mass.

Medical Service Corps—

Col Roy D Maxwell, Chief

Major

Panker, Joseph P, Wash, DC, to Walson AH, Ft Dix.
Whitaker, Harry T, Brooklyn, to OTSG USA, Wash, DC.

1st Lieutenant

Perka, Chester E, Jr, Ft Belvoir, to BAMC Ft Sam Houston.

Veterinary Corps—

Brig Gen Russell McNellis, Chief

1st Lieutenant

Schumacher, Richard L, San Francisco, to USARJ USA Comd, Haramachida, Japan.

Army Medical Specialist Corps—

Col Ruth A Robinson, Chief

1st Lieutenant

Newman, Edna E, Ft Knox, to Germany.

Army Nurse Corps—

Col Margaret Harper, Chief

Lt Colonel

Kemmeradd, Angle C, Wash, DC, to Hq Third USA, Ft McPherson.
Weinstein, Alice E, Ft McPherson, to Madigan GH, Tacoma.

Major

Jones, Deolinda C, Ft Ord, to USAH, Yuma, Ariz.
Trombly, Florence T, El Paso, Tex, to US-AH, WSMR White Sands, NMex.
Bender, Alice J, Ft Sam Houston, to Ger-many.

To Korea

Galgano, Emma A, Albuquerque, NMex.
Gillon, Shirley M, Ft Lawtwn.
Walker, Opal, Wash, DC.
Twohey, Barbara J, Ft Sam Houston.

Captain

McKinney, Enid V, Ft Sam Houston, to US-AH, Ft Campbell.

To Korea

Padial, Isabel R, Cp Irwin.
Smith, John A, Jr, Ft Campbell.
Weatherhead, Barbara A, Ft Monroe.
Burnis, Bernadette J, Wash, DC.

Edwards, Ruth E J, Ft Hood.
Fleisher, Helen M, Aberdeen Pr Gr, Md.
Holmes, Marguerite A, New York.

From Ft Sam Houston:

Atchison, Juanita M, Foley, Mary A
Ballard, Kathryn F, Loftin, Lorene F
Hess, Jane C, Kloss, Elizabeth
Blanton, Wilma, Knox, Edith V
Perrin, Edna M

To Germany

From Ft Sam Houston:
Fess, Dorothy E, Rice, Clara D
Heitsman, Lois J, Varklet, Marian

1st Lieutenant

Burton, Cora L, Ft Sam Houston, to Ger-many.

To Korea

Wheeler, George A, Ft Campbell.
Gosling, Bernadine J, Ft Benning.
Gregory, Barbara A, Ft Sam Houston.

2d Lieutenant

To Korea

Johnson, Martha S, Ft Knox.
Phelps, Carol L, Wash, DC.
Reed, Eula M, Wash, DC.

ORDNANCE CORPS—

Lt Gen John H Hinrichs, C of Ord
Lt Colonel

Becker, Frederick B, Ft Lee, to USA Elm CincNELM, Unified Stf, London, England.
Fisk, Robert R, Watertown, Mass, to USA Ord Test Activity, Yuma Test Sta, Yuma, Ariz.

To Korea

Elliott, Mayo J, Aberdeen Pr Gr, Md.
Lyons, Crawford D, Dover.

Major

Amity, Richard F, Cleveland, O, to Chicago Log IG Fld Ofc, Chicago.
Wavrek, Gordon J, Ft Knox, to 704th Ord Bn, 4th Inf Div, Ft Lewis.

Captain

Johnston, James R, Philadelphia, to USA Elm MAAG, Rep of China, Taipei, Taiwan.
Borris, Roger J, Urbana, Ill, to USA Ord Tk Autmv Comd, Detroit.

1st Lieutenant

Friesz, Leonard L, Ft Bragg, to Fifth USA Stu Det, w/sta Univ of Missouri, Columbus.
Isaacson, John L, Ft Hood, to Stu Det Fourth USA, Ft Sam Houston, w/sta New Mexico State Univ, University Park, NMex.
Smith, Gary N, White Sands MR, to New Mexico State Univ, University Park, NMex.

2d Lieutenant

From White Sands MR, NMex, to Station Indicated

Drasher, Carl L, 70th Ord Bn, Ft Lewis.
Hattori, Lowell M, 526th Ord Co, Ft Lewis.
Panc, Clement V, 410th Ord Co, Ft Bliss.
Lawler, Francis C, Jr, 782d Maint Bn, Ft Bragg.
Mahoney, Patrick H, 631st Ord Co, Ft Bragg.
Blum, Richard I, 144th Ord Det, Ft Devens.
Hoover, Kenneth L, 41st Ord Det, Ellsworth AFB, SDak.
Barnhart, John R, USA Ord Depot, Seneca, Romulus, NY.
Felder, William R, 783d Maint Bn, Ft Bragg.
Krantz, Leonard A, Jr, 41st Ord Co, Ft Bragg.

From Dover, NJ, to Station Indicated

Larson, Bruce J, 19th Ord Co, Ft Ord.
Miles, Tim R, USA Gar, Ft Gordon.
Ortiz, Alejandro, 14th Ord Co, Ft Benning.
McVane, Richard L, 19th Ord Co, Ft Ord.
Ralston, Samuel L, Jr, 523d Ord Co, Ft Lewis.
Steiner, Eldon J, 20th Ord Co, Ft Lewis.
Edwards, James C, 31st Ord Co, Ft Knox.
Loftin, Floyd E, 2d Ord Co, Ft Meade.
Bals, Harold M, USA Ord Depot, Anniston, Ala.
Mielke, Leo G, USA Ord Arsenal, Watervliet, NY.
O'Shea, Robert P, USA Ord Tk Autmv Comd, Detroit.

From Redstone Arsenal, Ala, to Station Indicated

Slavik, Frank R, 523d Ord Co, Ft Lewis.
Christopher, John C, 864th Ord Det, Ft Bragg.
Black, Earl R, 618th Ord Co, Ft Stewart.
Tillman, Lloyd P, USA Gar, Ft McClellan.
Wheeler, William R, USA Ord Arsenal, Pica-tinny, Dover.

CHEMICAL CORPS—

Maj Gen Marshall Stubbs, C Cml O
Colonel

Grant, Carl E, Ft Lee, to USAPersCen, Scho-fieldBks, Hawaii.

2d Lieutenant

From Ft McClellan to Station Indicated
Sjoberg, Carl W, USATC, Ft Carson.
Stewart, Michael E, Hq USAAMC, Ft Sill.

TRANSPORTATION CORPS—

Maj Gen Frank S Besson, Jr, C of T
Colonel

Stewart, Marion G, Jr, Ft Monroe, to Hq USA Armor Cen, Ft Knox.

The Armed Forces Top Command

The Honorable John F. Kennedy
Commander in Chief Of The Armed Forces

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Military Aide—Maj. Gen. Chester V. Clifton
Naval Aide—Capt. Tazewell T. Shepard, Jr.
Air Force Aide—Brig. Gen. Godfrey T. McHugh

Department of Defense

Robert S. McNamara
Secretary of Defense

Deputy Secretary of Defense—Roswell L. Gilpatric
Director, Research and Engineering—Harold Brown

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Navy—John B. Connally, Jr.
Air Force—Eugene M. Zuckert

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Carlisle P. Runge (Manpower)
Paul Nitze (International Security Affairs)
Thomas D. Morris (Installations and Logistics)
Arthur Sylvester (Public Affairs)
Cyrus R. Vance (General Counsel)
John H. Rubel (Research & Development)
Steuart L. Pittman (Civil Defense)

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Chairman

General George H. Decker—Chief of Staff of the Army
Admiral George W. Anderson, Jr.—Chief of Naval Operations
General Curtis E. LeMay—Chief of Staff of the Air Force
General David M. Shoup—Commandant of the Marine Corps

Lt Colonel

Adams, Gerard C, Philadelphia, to USALMC, Ft Lee.

To Korea

Molloy, William T, Ft Eustis.
Bowman, Clifford A, Richmond, Va.

Captain

Campbell, James E, Ft Bragg, to Stu Det Hq Second USA, Ft Meade, w/sta Virginia Polytechnic Inst, Blacksburg, Va.
Winkel, Paul P, Jr, Ft Belvoir, to Korea.

1st Lieutenant

Cordell, Terry D, Baton Rouge, La, to 1st SF Gp Okinawa, Ryukyu Islands.
Poteat, James D, Ft Rucker, to USATTC, Ft Eustis.

2d Lieutenant

Magness, Charles F, Ft Rucker, to Davison USA AFld, Ft Belvoir.
Lynch, John M, Ft Eustis, to 556th Trans Co, Ft Lewis.

To Stu Off Co, USAAVNS, Ft Rucker

From Ft Eustis:
Gannon, Francis J, Rhodes, Lowell R

To USATTC, Ft Eustis

From Ft Rucker:
Gatz, Philip L, Lambert, Jerry V

MILITARY POLICE CORPS—

Maj Gen Ralph J Butchers, PMG

1st Lieutenant

Reed, George H, Ft Knox, to TPMG Cen, USA Ft Gordon.

WOMEN'S ARMY CORPS:

Col Mary L Milligan, Director

Major

Leete, Alice W, Ft Monroe, to Korea.
Bolling, Wilma F, Ft McClellan, to ACSI USA Wash, DC.

Captain

Lewis, Mary F, Ft Lee, to USA BMS, Indianapolis, Ind.

1st Lieutenant

Kumm, Ruth C, Chicago, to Hq USA Ryukyus Islands, Okinawa.

CHIEF WARRANT OFFICERS—

Colletti, John J, Ft Sheridan, to USA Gar, Ft Sheridan, w/sta Master Maint Det, Arlington Heights, Ill.
Purcell, Ralph E, Milwaukee, Wis, to 823d Ord Co, Savanna, Ill.
Robinson, Charles E, Ft Sill, to 94th Trans Co, Ft Benning.
Tubbs, Harold, Phoenixville, Pa, to France.
Atkins, Herbert R, Ft Benning, to USA Ord Tng Comd, Aberdeen Pr Gr, Md.
Luers, Henry L, Ft Bragg, to Hq USASA Europe, Frankfurt.
Heinzel, Chester H, Governors Is, to USA Band, Ft Myer.

McPhail, Quincy E, Ft Greely, Alaska, to 3d Trans Co, Ft Belvoir.

To Korea

Minick, Fletcher E, Chicago.
Lee, George Y H, Ft Shafter, Hawaii.
Barringer, Daniel T, Pittsburgh, Pa.

To USARAL Repl Det, Ft Richardson

Stallard, James B, Ft Knox.
Warns, Robert G, Ft Lawton.

WARRANT OFFICER—

Frank, William D, Aberdeen Pr Gr, to Hq USA, Ryukyu Islands, Okinawa.
Ferguson, Charlie A, Ft Rucker, to USAPers Cen, Schofield Bks, Hawaii.
Raby, Richard S, Ft Benning, to Hq USA Ryukyus Is, Okinawa.

RETIRED—

Colonel

Knapp, Lawrence M, Arty.
Kunitz, Marcellus R, SigC.
Smith, Fred C, Arty Hurst, K.M, QMC
Shipe, Burdwell H, TC Davis, Lee J, Arty Lougee, Laurence W, JAGC, pd (10%).
Goatley, Francis J, TC, pd (30%).
Engeman, Leonard E, Armor.

Lt Colonel

McDonough, Mark D, pd (30%) fr temp disab ret list.
Leahy, John P, Inf Kennington, R E, Inf Weiss, Bernard, DC, pd (30%).
Courson, Everett P, Jr, pd (30%) fr temp disab ret list.
Chapman, Donald L, pd (30%) fr temp disab ret list.
Johnson, C E, MC Haines, Harold H, Inf Finn, Clement E, QMC, pd (10%).
King, Roger O, Armor, pd (10%).

Major

Lenn, Claude R, MSC, pd (30%).
Flahaven, William J, MPC.
Sedor, Elizabeth F, ANC.

Captain

Devine, Daniel J, pd (30%) fr temp disab ret list.

Chief Warrant Officer

Powell, W-4 Edward W, FC, pd (20%).

Retired Upon Application

Lt Colonel

Knight, J A, OrdC Hastie, Robt T, USAR
Yarosh, Wasel, USAR Wegner, E R, Arty Cline, William H, MSC.
Brown, Noel C, CE, as Col.
Denton, Charles T, CE.
Mayetta, Frank R, TC, as Col.
Easton, Oscar E, Jr, QMC.
Batson, Curtis C, Arty Hawkins, Robt L, Inf Tuggle, Harold D, Inf Finnegan, L J, MPC
Pittman, Leon E, CE Barch, Ralph B, AUS
Fauber, Earl B, CE Brock, Lewis D, Arty

—Continued on page 16

Former Guardsman M/G Mitchell Is Named To No. 2 Air Force Systems Command Slot; Beonh

MAJ. Gen. Clyde H. Mitchell, 56, a former member of the Michigan and New York Air National Guard, is the new Vice Commander of the Air Force Systems Command under General Bernard A. Schriever at Andrews AFB, Md. General Mitchell has been replaced as

Deputy CofS, Procurement and Materiel, by Brig. Gen. William E. Leonard, who was assigned in June to USAF Headquarters as Director of Budget, Deputy CofS, Comptroller, after lengthy service at the AFSC Ballistics Systems Division in Los Angeles.

The shift of General Mitchell to the Vice Commander slot followed the designation of Maj. Gen. James Ferguson to be AF Deputy CofS, Research and Technology, with three-star rank.

General Mitchell was appointed an aviation cadet in 1928, and on 22 June

1929, was commissioned a second lieutenant in the Air Reserves and rated a pilot. That October he was commissioned a second lieutenant in the Michigan National Guard.

Lieutenant Mitchell returned to the University of Detroit in the fall of

1929, gre... He s... flying... work... In... called

How to show the sky in stereo



Up till now, radar has literally been blind in one eye. It lacked one of the prime dimensions—depth perception. Conventional radar could only show objects in two dimensions. Either direction and distance or height and distance.

This limitation often makes radar lag behind the pace of modern aircraft—forcing planes to slow down in the busy intersections over airport areas.

But now the other eye has been opened. Hughes' new 3-dimensional—or stereoscopic—radar presents a scaled-down "cyl-

inder of sky." Watching this radar, you could see the earth, the air space above and aircraft represented with a definition never before possible. The result: planes could move through busy intersections with new speed and safety.

This new radar display console—called Stereoscan—has two Hughes Tonotron* picture tubes which are combined to make this startling 3-dimensional view possible. Because they remember images—they produce a radar picture where the "blips" leave contrails like a jet. It is these patterns

that clearly show the direction and altitude and distance which separates the planes.

This improved radar display is also more accurate, easier to view and can be used under normal room lighting.

Electronics is our business. A Stereoscan console, operating with service proven Hughes 3-D radar, has shown its potential at the Hughes, Fullerton, California facility. It is one more example of Hughes' ability to break ground in science—both for commercial and defense purposes.

Creating a new world with electronics

HUGHES

HUGHES AIRCRAFT COMPANY

Hughes 3-D continuous a complete controllers They could traffic in *Trademark

Leonhard Is Procurement Deputy

1929, from which he received a B.S. degree in aeronautical engineering in 1930. He spent the following five years as a flying instructor and in industrial sales work.

In October 1940, Captain Mitchell was called to extended active duty as engineering officer of the 107th Observation Squadron at Esler Field, La. In July 1941, he was named Army Corps representative at the Curtiss-Wright Corporation in Buffalo.

Major Mitchell became a project officer in the Production Division of the Army Air Corps Materiel Command at Wright Field, Ohio, in December 1942; and in July 1943, was named Assistant Chief of the Fighter Branch there. In March 1944, he became Chief of the Fighter Branch and in September 1944, was appointed Chief of the Aircraft Sub-section, Production Section.

Colonel Mitchell reverted to inactive status in March 1946. The following five years he was active in the New York Air National Guard and was commander of the 52d Fighter Wing.

In August 1950, Brigadier General Mitchell was recalled to extended active duty as president of the Command Board of Appeals for delay in recall to active duty of Reserve Officers at Continental Air Command Headquarters at Mitchel Air Force Base, New York. In January 1952, he became Special Assistant to the Director of Procurement and Production at Air Materiel Command Headquarters, Wright-Patterson AFB, Ohio. Four months later he became Deputy Chief of the Procurement Division, and in Deputy Director for Production.

On 1 August 1957, General Mitchell was assigned as Commander of Rome AFB, Depot, Griffiss AFB, N. Y., and on 11 March 1958, was promoted to Major General.

He became Commander, Electronics Systems Center, Laurence G. Hanscom Field, Bedford, Mass., on 1 December 1959. On 1 April 1961 General Mitchell became the AFSC Deputy CofS, Procurement and Materiel.

General Leonhard, who will be 47 in December, was graduated with a Bachelor of Science degree in electrical engineering from Pennsylvania State University in '36 and received a Regular Army Commission by direct examination. He entered the Corps of Engineers as a second lieutenant.

In September 1939, he attended Massachusetts Institute of Technology where he received his Master of Science degree in civil and electrical engineering.

This was followed by additional studies in mathematics at Columbia University, New York City, and three months experimental work with searchlight development at Sperry Gyroscope Company, Brooklyn, N. Y.

Worked On Alcan

At the outbreak of World War II, then Captain Leonhard organized and trained an engineer regiment for construction work on the Alcan Highway, and served 18 months as Regimental Commander and Chief of the southern sector of the highway.

Transferred to Europe with the 20th Armored Division, then Lieutenant Colonel Leonhard served successively as division engineer, division artillery commander, combat command commander and chief of staff, and later chief of staff of the 2d Armored Division in Central Europe campaigns.

In 1947, Lieutenant Colonel Leonhard returned to Europe where he served four years as director of installations, Headquarters, USAFE, in Wiesbaden, Germany. He planned and supervised construction of five new runways in Berlin and numerous base developments in the U. S. and U. K. Zones of Germany during the Berlin Airlift and was awarded the Legion of

ANOTHER MEDAL FOR AF SECURITY DEPUTY

THE First Oak Leaf Cluster to the Legion of Merit has been presented to the Air Force Security Service Deputy Commander, Brig. Gen. Richard P. Klocko at San Antonio by the Commander, Maj. Gen. Millard Lewis.

The award was for exceptionally meritorious conduct in the performance of outstanding service while Commander of the 6900 Security Wing in Germany from 1956 to August 1960. The Legion of Merit was also presented to General Klocko, USMA '37, by the Security Service when he completed his assignment there in 1956 as CofS. He joined the command as Deputy CofS Operations in August 1954.

Marines Choose 47 New Warrants

The Marine Corps has selected 47 Reserve Officers, all qualified pilots, for permanent warrant officer appointments in the Regular Marine Corps.

The new warrant officers, 11 on active duty and 36 on inactive duty, will serve as helicopter pilots in the regular Marine Corps.

The roster of selectees:

Adamson, W. L., 1stLt
Anderson, G. R., 1stLt
Anderson, J. C., Capt
Bengtson, N. J., Capt
Berger, D. J., Capt
Berrey, C. H., Capt
Brady, H. S., Jr., Capt

Buckley, J. W., 1stLt
Byrnes, R. F., 1stLt
Cash, T. R., Jr., Capt
Chastain, J. S., 1stLt
Connolly, John L., Jr., Capt
Doyle, T. J., Capt

Ellars, V. D., 1stLt
Fain, C. G., 1stLt
Ferris, D. M., 1stLt
Ford, W. H., Jr., 1stLt
Galbreath, B. F., 1stLt
Gates, H. D., Capt
Gauthier, J. R., 1stLt
Hartigan, W. T., 1stLt
Horstman, C. A., Jr., 1stLt
Jones, R. D., 1stLt
Kelley, D. R., 1stLt
Kelley, D. F., Capt
Kelly, W. D., Capt
King, R. W., 1stLt
Knopie, D. M., Capt
Labhart, N. J., 1stLt
Lafreniere, D. B., 1stLt

Lindsay, J. R., Capt
Lott, B., 1stLt
Mason, R. B., Capt
McKee, D. T., 1stLt
Mitchels, W. L., Capt
Nielson, C. "A.", Capt
Palmer, L. E., Jr., Capt
Patton, R. F., Capt
Phillips, B. M., Capt
Poe, W. A., Jr., Maj
Sancho, R., Capt
Scherer, E. D., 1stLt
Scovell, J. D., 1stLt
Smith, B. A., Capt
Tardif, E. G., 1stLt
Washam, F. W., Capt
Woodward, R. W., Capt

AFIT GETS NEW ACADEMIC DIRECTOR

Dr. Howard Walter Barlow has been appointed Academic Director of the Air Force Institute of Technology at Wright-Patterson AFB, Ohio, under Maj. Gen. Cecil E. Combs. He comes to the Institute from Washington State University, Pullman, where he has been Director of the Washington State Institute of Technology and Professor of Mechanical Engineering.

Dr. Barlow, 58, is a graduate of Purdue University '27. In '34 he was awarded an M.S. in aeronautical engineering by the University of Minnesota, and in '41 a doctorate of engineering science by New York University.

Dr. and Mrs. Barlow reside at 1174 Peebles Dr., Fairborn, Ohio.

Scabbard And Blade Meets

Dr. Asa S. Knowles, President of Northeastern University, Boston, will be the principal speaker at the National Convention of Scabbard and Blade, honorary military society, 17 November, in the Sheraton-Gibson Hotel, Cincinnati, Ohio.

Elected to the Army ROTC Advisory Panel this year, Dr. Knowles is also on the National Advisory Council of the National Society of Scabbard and Blade. Northeastern has the largest voluntary Army R.O.T.C. unit on any single campus in the country.

Merit in 1949 for his participation in the Airlift.

Built Air Bases

In July 1950, Colonel Leonhard transferred to the Air Force and initiated construction of U. S. bases in England and North Africa and the NATO build-up in France. Returning to the states, he attended the Air War College, Maxwell AFB, Alabama, from 1951 to 1952.

Assigned to Air Force Headquarters, Wash., D. C., in June 1952, Colonel Leonhard served four years as Chief of the Construction Division and Deputy Director of Construction.

Colonel Leonhard was transferred to the Western Development Division, Headquarters ARDC, Inglewood, Calif., in July 1956 as Assistant for Installations. WDD became the Air Force Ballistic Missile Division in June '57. In April 1958, Colonel Leonhard was named Deputy Commander, Installations and later Deputy Commander Civil Engineering, and Assistant for Site Activation, Headquarters, Air Force Ballistic Missile Division (AFBMD). While assigned to AFBMD he received his promotion to Brigadier General.

RADM. DORSEY GETS NEWPORT COMMAND

RADM. Jack S. Dorsey will relieve RADM. Charles A. Buchanan as Commander, Naval Base, Newport, R. I., in January. Admiral Buchanan will replace RADM. Robert L. Campbell as Commander, Hawaiian Sea Frontier and Commandant, Fourteenth Naval District, also in January.

Admiral Campbell will relieve RADM. William K. Mendenhall, Deputy CofS, Joint Staff, U. S. European Command in January. Admiral Dorsey will be relieved as Commander, Destroyer Flotilla Six, by RADM. John W. Ailes, III.

Col. McChristian Is Assistant

Col. Joseph A. McChristian, USMA '39, has been appointed Special Assistant to the CG (Training) at Ft. Knox, Ky., it is announced by Brig. Gen. Joseph E. Bastion Jr., Armor Center CG.

His primary duty will be to supervise training activities in Headquarters Group, Army Armor School Troops, 6th Armored Cavalry, 160th Engineer Group, and the Army Armor Center Aviation Command.

L/C Doxey Gets P. I. Regt.

Lt. Col. Donald R. Doxey has assumed command of First Recruit Training Battalion at the Marine Corps Recruit Depot, Parris Island, S. C.

He relieved Lt. Col. Lelon L. Patrow, named S-3 of Recruit Training Regiment.

Colonel Doxey is married to the former Jane Lawrence of Arlington, Va. They have four sons; the oldest is in the Air Force. The younger three are Bruce, Jan, and Kim.

Lt. Col. Quick Moves To Command Dept.

Lt. Col. John T. Quick, former chief of the editing and publishing branch at the U.S. Army Command and General Staff College, Ft. Leavenworth, Kan., has been reassigned as an instructor in the Department of Command.

The Quicks are living on post at 218 Augar. They have two sons, Julian B., 17, a senior at Leavenworth High School, and Jonathan Douglas, 16, a junior at Leavenworth High.

New Info Officer At Knox

Maj. Robert H. McCleary has been assigned as Information Officer at the Army Armor Center, Ft. Knox, Ky. His previous assignment was at Camp H. M. Smith, Hawaii; where he was emergency action briefing officer.

Before assuming his new position, he attended the Army Information School at Fort Slocum, N. Y.

Major McCleary replaces Lt. Col. B. G. Gifford, who has been assigned to the Eighth Army in Korea.



Hughes 3-D radar display console can give a continuous view of sky activity. Integrated with a complete control system, it would tell air traffic controllers if planes were on a collision course. They could make swift decisions and direct air traffic in a fraction of the time it takes today.

*Trademark Hughes Aircraft Company

Army Lists Resignations, Promotions, and Retirements

From page 13—

Major
Nachin, Joseph J, QMC, as LtCol.
Alley, Robert G, MSC, as LtCol.
Madison, Dorothy E, ANC.
Mock, John H, Inf, as LtCol.
London, Clyde F, USAR.
Beckett, Gerald E, SigC.
Drummond, James, TC.
Krembs, Donald W, Inf, as LtCol.
Kainer, Marian B, ANC.
Valentino, Filomena A, ANC.
Seaman, Charles H, Inf.
Warrick, James R, Inf, as LtCol.
Jenke, Herbert P, AGC.
Turner, William L, CE, as LtCol.
Turner, Cleveland, TC.
Wilson, Clyde W, MSC, as LtCol.
Van Note, Harry T, Jr, MPC, as LtCol.
Badgley, John L, Inf, Coey, Grover F, QMC.
Anderson, E S, TC.
Gibson, Marry H, (fr temp disab ret list; phys fit).

Cotner, Raymond E, Jr, Inf.
Hedgecock, Kathryn G, ANC.
Shackelford, Robert O, MSC.
Wilson, Howard W, MSC.

Captain

Burke, Thomas F, Inf, as Maj.
Charriez, Gilberto O, AGC.
Simmons, Melvin L, Arty.
Hand, Edgar L, CE, as Maj.
Pierce, Carl B, OrdC.
Scott, Joe H, TC.
Musolf, Earl R, Inf.
Hazelet, Vincent W, Inf, as Maj.
Hunke, Harry M, Jr, Inf.
Zetlau, Walter S, OrdC.
Quattlebaum, Manning L, Arty, as Maj.
Worlund, Carl R, MPC.
Snyder, Warren, SigC, as Maj.
Medley, Charles A, Armor.
Harrington, Jack, OrdC, as Maj.
Brewer, George E, MPC, as Maj.
Fleming, Dale H, AGC.
Kinsman, John M, Inf, as Maj.

Kershinar, Louis P, Arty, as Maj.
Nilizzo, Frank, Inf, as Maj.
McCaffery, Patrick G, Inf, as Maj.
Smith, Felix R, FC, as Maj.
Patterson, Oscar A, MSC.

Chief Warrant Officer

Belle, W-2 Robert A, Arty.
Kuski, W-3 Peter, Jr, USAR.
Simmons, W-2 William H, AS.
Teller, W-2 Harold R, CE.
Sapudar, W-4 Joseph J, OrdC.
Martin, W-3 Albert, CE.
Filler, W-4 Walter S, QMC, as LtCol.
Mayer, W-3 Werner A, OrdC.
Stapleton, W-2 Claude E, Arty.

TO TEMP DISAB RET LIST—

Wertz, Col George M, Jr, Arty (10%).
Sams, Col Gerald A, JAGC (10%).
McDonald, Thomas R, OrdC (60%).
Maloney, W-2 John P, Arty (50%) as Maj.
Helms, 1st Sgt George W, as WO (60%).

RESIGNED—

Captain

Fraher, Jas D, Arty.
Cooke, R W, Arty

1st Lieutenant

Wynn, Rena J, ANC.
Mullen, Sally A, ANC.
Seates, Thos N, SigC.
Wallace, P A, WAC.
Ballweber, M E, ANC

2d Lieutenant

Poyas, M N, ANC.
Iverson, A J, ANC

Chief Warrant Officer

McCabe, W-2 Charles J, AGC.

PROMOTED IN RA—

To Colonel

W/DR 1961

20 Oct: Kuhn, William A, Inf.

21 Oct: Marr, Lloyd M, Inf.

To Lt Colonel

W/DR 1961

18 Oct: Krause, William O, MSC.

To Major

W/DR 1961

19 Oct: Austin, Henry M, Jr, Inf; Farwell,

Lester C, Arty; Delmar, Billie, DC.

20 Oct: Grandinetti, Dominick J, SigC.

21 Oct: Eddinger, Clyde C, MSC.

22 Oct: Decker, James W, QMC; Sawyer,

Robert K, Arty.

To Captain

W/DR 1961

20 Oct: Bryan, Thomas F, Inf.

21 Oct: Boyd, Bobby K, Inf; Fair, Cecil G,

Jr, Armor; Hudson, Saml R, SigC; Marshall,

Raymond E, Inf; Van Camp, James P, QMC;

Lapp, Ernest D, ChC; Haynes, Christine,

WAC.

22 Oct: Bowdoin, William R, Jr, Arty; Du-

lin, Ralph W, Inf; Hrcir, Oran T, QMC;

Vavra, George R, CE.

23 Oct: Phillips, Clyde W, Arty; Eddy, Ger-

ald A, VC.

24 Oct: Dearborn, William H, MPC; Doust,

Arol R, SigC; Komarow, Ronald M, FC; Ko-

walczyk, QMC.

To 1st Lieutenant

W/DR 1961

18 Oct: Newstrom, Kenneth R, MSC; Reed,

David R, SigC.

19 Oct: Christie, Jerrold L, Inf; Jacobson,

Walter R, CE.

20 Oct: Mowbray, Calvin W, Jr, Armor;

Naughton, Hugh V, AGC; Pfabe, Richard K,

Arty.

21 Oct: Goudie, Richard B, QMC.

22 Oct: Sorensen, William A, TC; Norvell,

Frank C, Jr, OrdC; Locklear, James P, MSC.

24 Oct: Johnson, William M, SigC; Steele,

Jerry T, Arty.

TEMPORARY PROMOTIONS—

To Lt Colonel

Lyle, Emmet R, Inf.

To Major

Seroczynski, Helen M, ANC.

To 1st Lieutenant

Adams, John K, Armor; Menking, Hugh M,

SigC; Calvert, King D, OrdC; Conreux, Phil-

lip D, OrdC; Kirk, Michael K, OrdC; Lukens,

Bob R, OrdC; Malone, Edward J, OrdC; Tur-

pun, Donald L, OrdC.

APPOINTED IN RA—

Captain

Barnhart, Roger A, MC.

Jones, Edward H, MC.

HONORABLY DISCHARGED—

Houk, Capt William H, Inf.

Castleberry, Capt William E, Jr, MSC.

Greene, Raul L, CmlC.

BRANCH ASSIGNMENTS—

Kinkle, Maj Franklin S, USAR, fr Inf to AI.

Simonfaux, 1st Lt Frank P, USAR, fr Arty to

JAGC.

Roberts, 1st Lt Claude W, Inf, fr Inf to MPC.

White, Capt Robert R, fr Inf to QMC.

Hendry, Maj James B, fr Arty to Inf.
Kelley, Maj Raymond W, USAR, fr Armor to
AI.

Snapp, 1st Lt John R, USAR, fr Inf to TC.

DESIGNATED ARMY AVIATORS—

Uranus, Capt Ralph A, TC, USAR.

Master Army Aviators:

Borgen, Maj Lloyd O, Arty.

Proctor, Maj James R, TC.

Senior Army Aviators:

Hewell, Capt Robert F, TC.

Klick, Capt Clyde F, TC.

Bell, CWO Fred O, TC.

Lancaster, Capt George W, Inf.

Starnes, Capt Bob J, Inf.

Starkey, Capt James E, TC.

Bowdoin, Capt Arthur C, TC.

Hampton, Capt William C, TC.

Sawyer, Capt Francis A, Arty.

Morris, Maj William J, SigC.

Bloomquist, Capt Paul A, MSC.

Cantwell, Capt Franklin D, TC.

Jones, Capt Robert A, Arty.

Williams, Capt Billie G, Armor.

Havens, CWO, W-2 Orin D, TC.

Tobin, CWO, W-3 Walter E, TC.

ADVANCED ON RET LIST—

Klindienst, M/Sgt Edward P, to Capt.

Dela Concepcion, M/Sgt Rodrigo, to 1st Lt.

Andrews, M/Sgt Michael F, to Capt.

EM RETIRED AS OFFICERS—

Waters, M/Sgt Frank H, as LtCol.

Robles, M/Sgt Jose, Jr, as Maj.

Loughran, Sfc John F, as CWO-3.

Telford, M/Sgt Donald M, as LtCol.

Deelstra, M/Sgt Nicholas J, as LtCol.

Boston, M/Sgt George A, as Maj.

Brandly, Sfc Roland L, as Col.

Cohn, Sgt Robert O, as LtCol.

Woodbury, Sgt Edward L, as LtCol.

Garner, Sp7 Lawton F, as Col.

Lowry, M/Sgt Jefferson J, as Maj.

Thomas, M/Sgt Edwin, as Maj.

O'Connor, M/Sgt Emmet L, as LtCol.

Hawfield, M/Sgt Robert R, as Maj.

Crawford, M/Sgt Charles J, as LtCol, pd

(60%).

Navy Orders

From page 6—

KERR, Alex A, Ofc of JAG NavDept; to Ofc

of SecNav NavDept.

LEAVITT, Eben, Jr, FitRon 174; to CO UtrOn

10.

MERCER, Ellsworth O, CO FitRon 13; to USS

Saratoga.

MEYER, Edgar R, MareNavShipYd; to US

NavPGSCol Monterey.

OVERN, John A, BuPers; to CO AtkRon 25.

REARDON, William L, FitRon 141; to CO

FitRon 141.

THORNTON, Robert F, OIC CruSta Nash-

ville; to NAS Los Alamitos LBeach.

TIMM, Henry O, Jr, NavWpnEvalFac Kirt-

land AFB; to NAAS Whiting Fld Milton.

TOBIN, John R, NAS Glen; to CO NavRes

TraCen Pontiac Mich.

COOK, Arthur D, OpNav; to USNavInves

SuppGru Arlington.

CROSBY, William H, AFSC NorVa DUIns; to

Asst to SacLantRepEur Paris.

FLYNN, John W, (MC), AFSC NorVa DUIns;

to NavHos Portsmouth Va.

GAUTIER, Robert H, AFSC NorVa DUIns;

to Ofc of Leg Affairs NavDept.

GAVITT, Kenneth W, AFSC NorVa DUIns;

to Staff CinCLantFlt.

HUESTIS, Gerald S, AFSC NorVa DUIns; to

NavAirPac.

ISELIN, Donald G, (CEC), AFSC NorVa DU

Ins; to BuDocks.

LALIBERTE, William, FAA WashDC; to Fld

Op ConCenLant NorVa.

LANGILLE, Justin E, III, AFSC NorVa DU

Ins; to Ofc of SecNav NavDept.

LAUBACH, Luther W, AFSC NorVa DUIns;

to AirAntiSubRon 25.

LESSMANN, Walter G, AFSC NorVa DUIns;

to OpNav.

NUGENT, Floyd C, CO UtrOn 10; to Na

TestCen PaxRiv.

PAVIS, George P, AFSC NorVa DUIns; to

CruDepsPac.

RENN, John E, AFSC NorVa DUIns; to Nav

CommSta Port Lytautey Sidi Yahia.

ROBESON, Robert H, Jr, AFSC NorVa DU

Ins; to BuPers.

RODGERS, Robert R, ASWForLant; to CO

NavResTraCen Gainesville, Fla.

ROUX, Vernon K, AFSC NorVa DUIns; to

BuWePs.

SCHERMERHORN, Dale V, CO USS Everett

F Larson; to OpNav.

SMITH, Walter F, NavSta Roosevelt Roads;

to NAS Brunswick.

ST CLAIR, Robert H, AFSC NorVa DUIns;

to HelAntiSubRon 4.

TAYLOR, James D, NaTechTraCom NAS

Ms; to NAS Jax.

VAN LEER, Blake W, (CEC), AFSC NorVa

DUIns; to SoEastDivDocks.

VAUGHT, William J, AFSC NorVa DUIns; to

PatRon 16.

VIELE, John W, AFSC NorVa DUIns; to

LantFlt ASW TacScol NorVa.

—Continued on page 20

SCHOOL AND CAMP DIRECTORY

The Schools and Camps listed below are effectively equipped to care for the educational and recreational needs of the children of members of the services and this Directory is recognized as an authentic and reliable aid to service parents in solving the problem of child education. For details as to the Schools listed in this Directory address them directly or communicate with the Army Navy Air Force Journal Dept. of Education, 1710 Conn. Ave., N. W., Washington 9, D. C.

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Army Temporary Promotions

S. O. 267, 25 October

TO COLONEL

Beatty, Geo S, Jr, Inf Mundy, R W, Arty
Farnell, John M, Inf Redfern, Ira C, Jr, Inf
Humphrey, Wm L, Inf Sloan, W N, Jr, OrdC
Kane, Roy A, Arty

TO LIEUTENANT COLONEL

Cann, Richard T, Inf McClurkin, J H, Arty
Davis, Wm E, FC Muser, N F A, Inf
Dew, James R, Armor Preble, C E, Jr, Inf
Fitzpatrick, S N, Jr, Reid, R T, Arty
Arty Schmidt, Robt J, CE
Frane, John E, Inf Stewart, J A, Jr, Arty
Godfrey, H J, Arty Stuart, W D, Arty
Grimes, Geo E, QMC White, L J, Armor
Jacks, G L, CmlC Woodson, W T, Jr, Ar-
Lewis, Robt B, Arty mor
Lucas, E R, Arty

TO MAJOR

Ames, John S, Armor Maki, Howard T, Arty
Campbell, J A, Armor Mayor, Robt F, Inf
Carmack, L D, Arty Moore, W H, CE
Carter, Donn F, Arm Pellegrino, J M, Arty
Cassidy, Jos B, SigC Penuel, Benj H, OrdC
Chabot, R C, SigC Price, Amit J, QMC
Gilliat, D L, QMC Reading, R O, SigC
Hiebert, D L, Inf Reid, Landon J, Arty
Hill, Irwin F, Jr, Arty Roper, John W, Inf
Irvine, Richard R, TC Strickland, M A, Arty
Ison, Venon H, Armor Swing, Robt L, QMC
Kelley, F A, Arty Tollett, H T Earl, Jr,
Krug, Robt W, AGC OrdC

TO CAPTAIN

Adams, Paul L, Arty Nock, Jean A, Jr, AGC
Almond, Wm V, SigC O'Connor, J H, SigC
Amidon, Chas D, MSC Offan, K J, SigC
Areheart, H W, Jr, Peters, V W, Jr, Arm
QMC Portier, G C, Arty
Armstrong, H R, Arm Powell, W W, Arty
Bakeman, Chas D, CE Prosser, John E, Arm
Batts, Vance C, SigC Reddy, Chas J, ANC
Bishop, Bobby J, Arm Reese, George C, CE
Borer, Robt S, SigC Roberts, Chas A, Arty
Bornerman, W E, SigC Roberts, D M, Arty
Briggs, Chas F, AGC Roth, Thos J, CE
Budny, Julian J, Arty Rutter, Leo F, Jr, CE
Camerlo, J P, Jr, Arty Sampson, C M, AMSC
Charlton, J L, Jr, MSC Schneider, W L, Inf
Clark, Gary L, Arm Schroeder, E K, Inf
Conklin, W D, Arm Schutzmeister, W A,
Cotter, Joan K, ANC Arm
Covington, Wm, QMC Shoman, E A, Jr, ANC
Crawford, S B, Arty Sineath, Lanis F, Inf
Crosley, John K, MSC Skelton, Robt C, SigC
Cunningham, J E, Inf Sloan, Chas W, TC
Daetz, Neil A, AGC Smith, David R, MSC
Davies, Peter G, FC Smith, Donald R, AGC
Doolittle, L W, AGC Solseth, H L, Arm
Ehmann, R R, CE Stasky, Gall V, Inf
Emmer, E S, SigC Sterne, Jack K, Arty
Flynn, W K, MSC Stose, John, FC
Greene, Wm M, Arm Swayne, Chas J, Inf
Gregg, H L, Jr, OrdC Talbot, Geo T, Jr, FC
Groethen, D L, Arty Taylor, Billy H, SigC
Habig, Arnold J, AGC Taylor, Jack D, Inf
Harwood, M S, FC Taylor, M L, MSC
Hedgecock, R E, OrdC Tucker, Lee W, CE
Hoyt, R E, Arm Van Houten, P F, CE
Jeter, Munford S, Arty Ward, W L, MSC
Johnson, A L, ANC Watson, Jas H, Arty
Jones, Jas L, Arm Wehrle, A L, Arty
Kelley, Carl C, Arty Weinstock, D M, CH
Linsin, Edw J, Inf Weise, K S, Arty
MacKinnon, R D, SigC Wilmer, A K, Arty
Manley, Jas D, Arty Wise, H L, Jr, AGC
McKeone, Wm J, ANC Wyllie, Chas E, FC
Miller, Jas L, Arty Yantis, D K, 3d, OrdC
Minton, W C, Jr, MPC Zartman, Chas J, AN
Montalvo, M T, Arty Zitz, Joseph S, OrdC
Nelson, M L, Arm

TO CWO, W-4

Lund, Carroll R, Jr, TC

TO CWO, W-3

Boregino, D L, CE Cage, Arnett, Arty
Bosnio, Louis L, Arty Fackrell, A P, PMG
Bowersox, C E, OrdC Morrissey, Thos H, AI

S. O. 268, 26 October

TO COLONEL

Best, Geo W, Jr, Arty Mather, D W, Arm
Duffie, Johnnie D, TC Miller, C P, Arm
Johnston, M T, Arm Spurrier, Jas R, Arm

TO LIEUTENANT COLONEL

Bolick, Jas O, SigC Pfeiffer, D T, Arm
Collins, R J, JAGC Russell, E L, Jr, Arty
Dickinson, W L, FC Sieber, Chas F, Jr, Inf
Dunn, H B, Jr, OrdC Smith, I D, Jr, Arty
Graft, C V D, Jr, Arty Smith, R McK, OrdC
Kane, Geo W, Inf Thompson, M R, Arm
Mahone, N A, Jr, Arty Warner, V L, Jr, TC
Mathwin, A V, Inf Williams, W R, Jr, Inf

TO MAJOR

Barker, Ralph A, SigC Jensen, H A, OrdC
Bassett, C W, Arty Norton, J McN, Arm
Caffrey, J V, Jr, SigC O'Connor, A R, SigC
DeBolt, L G, MSC Pieper, Fredk A, Inf
DiCiro, Chas M, Arm Rolya, Wm I, SigC
French, Cecil R, QMC Sapenter, R, Inf
Gately, M J, SigC Sattin, Joseph M, Inf
Graefe, Carl W, CE Schilling, W P, CE
Haggis, A G, Jr, AGC Wing, Rex D, CE
Hasemeier, K S, Inf

TO CAPTAIN

Anderson, J J, Jr, Inf Leiters, Robt L, Inf
Andreacchio, N A, Arm Mallette, Herbert, Inf

Barber, Jas J, Inf Marsh, Robt, TC
Betts, Jas D, Inf Mascia, Donald J, Inf
Binkley, C A, Arm Massey, Robt A, MSC
Bland, A R, Jr, Arty Matheson, E Mc, Arm
Boone, Jas M, Inf Mayers, F H, AGC
Boyd, Jas J, Jr, Arty McConkey, R F, Inf
Bryden, John M, AS McDaniel, Burl J, Inf
Buel, Chas J, Arty McGee, D R, OrdC
Carter, David L, Inf Miller, A C, Jr, QMC
Casio, Chas J, Arty Miller, Marvin E, AS
Caswell, D R, Arm Morgan, R G, AS
Clare, John W, Jr, Inf Nelsin, Darrel, Inf
Coor, Vinton K, Inf Nickeson, D E, MPC
Cornford, Geo J, Inf Oxley, Lewis F, AS
Cotter, Jas R, MPC Percival, Wm J, Inf
Daniels, H V, Jr, MPC Petracca, J M, Arm
Daugherty, J M, CE Philpott, L D, Arty
Davies, Arthur, Jr, Inf Price, G W, Jr, Arty
Duhon, Ben E, AGC Radcliff, Wm A, Arm
Eichelberger, C B, AS Reichelt, Eric F, Arm
Elliott, Roy P, Inf Reynolds, L D, Arty
Embrey, C W, AI Richardson, W J, Jr,
Flynn, Vincent P, AS Inf
Foley, Roy H, MSC Rodgers, Steven L, Inf
Garner, N L, SigC Rogers, David K, Arty
Gennovario, R E, Inf Rohr, Robt E, Arty
Gleske, D E, Arty Schuster, M D, MPC
Givler, Leon J, AS Stehlin, Earl K, Inf
Givler, Lloyd R, AS Stout, Kenneth O, AS
Grant, H E, Inf Tentler, Harold A, Inf
Greer, Billy V, SigC Underhill, D G, Inf
Hagan, Robt E, AI Van Sandt, K W, Inf
Hammer, T W, Arm Ver Meer, J J, Jr, Inf
Hemmingway, E, Inf Walsh, Wm J, SigC
Howerton, W B, Arty Weaver, Wm F, MPC
Ireland, Rae H, Inf White, Jewel G, Inf
Jones, Jimmy, Inf Wilkinson, R W, Inf
Kane, T M, Jr, MSC Willis, Chas A, Inf
Karas, Paul R, Inf Witche, Earl E, Inf
Kelly, Richard F, AI Zipp, Edwin B, Inf

TO CWO, W-4

Williams, Ira, OrdC

TO CWO, W-3

Cochran, John, FC Pickenheim, W H, sr,
Gamble, Robt A, CE Arty
Miles, Robt C, AGC

S. O. 269, 27 October

TO COLONEL

Bowman, John E, CE Stanford, M N, Arty
Murphy, J O, Arty Stewart, Lee L, AGC

TO LIEUTENANT COLONEL

Aschoff, J F, Jr, Inf Morgan, C A, Jr, TC
Dalton, C H, 3d, Inf Reitmeier, W A, QMC
Dixon, Walter J, QMC Robinson, E A, Inf
Grandia, L W, TC Sheppard, B E, Arty
Miller, A E, CMLC Webster, R A, Jr, SigC

TO MAJOR

Barnes, J C, Jr, Arty Hatch, J B, Arm
Black, W C, 3d, Arm Hendry, J R, Arm
Brinson, R Y, Inf Holt, Hugh C, Inf
Brown, R L, Arm Madruga, R, Inf
Cummings, A B, TC Miller, R S, Arty
Downey, N B, Arm Ray, Morton, SigC
Geoma, R M, Inf

TO CAPTAIN

Austin, T A, Arty Kelly, T A, Jr, OrdC
Baughner, R E, Arty Kumm, Ruth C, WAC
Baxter, W R, TC Laffel, Robt N, Arty
Berkley, J L, AI Lake, Jonathan P, Inf
Blank, Lyle E, Inf Leonard, J A, Jr, Inf
Brunckhorst, C W, Lokay, Fred J, OrdC
Arty Luke, D B, QMC
Caldwell, D L, WAC Lytle, James H, QMC
Carmody, R W, SigC McBride, F A, Arty
Cason, J P, Arty Miller, Ray W, OrdC
Collar, R D, Arty Moore, Donald G, Inf
Cook, C W, AI Nagel, Joseph L, Arty
Corby, Don A, Arty Oneto, John B, Arty
Cowles, P R, CE Powe, C M, Jr, OrdC
Dawes, R C, OrdC Prados, Alfred B, AI
Dickson, R, SigC Raunig, Robt E, CmlC
Drenten, D A, Arty Ridgeway, J H, OrdC
Dyer, H B, Arty Scott, Raymond L, AS
Earl, R L, Arty Smith, Wm K, AI
Goerling, J D, Arty Spain, C, Jr, Arty
Goodfellow, R R, Arty Spencer, Edw A, TC
Greene, G E, Jr, Arty Springale, Jas D, OrdC
Hagyard, W A, OrdC Swing, Olga, WAC
Hammond, R D, Arty Taber, D E, OrdC
Hedgepeth, R E, Arty Theroux, G L, Arty
Heeke, M T, OrdC Tomblin, Edw D, Arty
Hibbs, C E, Inf Treadway, Jas D, Arty
Hogan, T J, AI Turk, Roy M, QMC
Honsinger, L E, Arty Turner, John C, QMC
Hoover, E L, OrdC Turner, T E, 3d, OrdC
Hubbard, M P, AI Walls, Neal H, MSC
Hughes, N H, SigC Wattleit, R R, AS
Janitz, John E, Arm Woods, Jas R, AS
Joy, A C, Jr, SigC Wralstad, P E, AS

TO CWO, W-3

Lawrence, W A, OrdC Mohler, L H, AGC
Lee, R E, SigC Troske, T R, MSC

S. O. 270, 30 October

TO COLONEL

Carter, G W, Inf Sewell, H B, Arm
Jenkins, D L, TC

Military Assistance Institute Graduates 3,000th



BRIG. Gen. William S. Stelle, USAF (second from right), Deputy Director of Military Assistance, Office of the Secretary of Defense, presents to Capt. Martin J. Burke, USA (second from left), a specially mounted diploma as the 3,000th graduate of the Military Assistance Institute, Arlington Towers, Va. Brig. Gen. Charles H. Royce, USA-Ret., left, is Director of Instruction, and Col. Leo H. Heintz, USAF-Ret., right, is Director of Administration of the Institute. Brig. Gen. Henry C. Newton, USA-Ret., Director of the MAI, is not shown in the photo.

TO LIEUTENANT COLONEL

Cunningham, J P, AI Steck, C F, 3d, SigC
Scheer, J H, TC Witt, W W, Inf
Sclander, S W, Inf Witt, F, Jr, MPC

TO MAJOR

Chadbourne, R G, Rehfeld, R R, Arm
QMC Scamehorn, R D, QMC
Cooper, C W, Arty Storer, I M, Arm
Corsetino, L J, QMC Taylor, G O, Jr, Arm
Gichrist, P J, Arm Wanek, R F, TC
Powers, R A, Arm

TO CAPTAIN

Arnold, R W, Arty Liles, M S, Arm
Baker, R M, Jr, Arty McCarthy, E W, Arty
Berg, George A, QMC McCollough, M J,
Bevilacqua, J J, MSC WAC
Cofoni, P J, QMC Miller, J R, AS
Cumber, D R, AS Miller, R E, AS
Davison, R L, Arm Murphy, F P, WAC
De Smet, M S, WAC Owens, R E, QMC
Dietz, M E, WAC Parker, V J, WAC
Faulkner, E L, Arm Pumphrey, F W, AI
Fleming, J L, Arty Rawls, P L, SigC
Ford, T A, Jr, TC Runnels, J A, AI
Gagliardone, J L, Inf Strong, J S, WAC
Gordon, H J, TC Taylor, H S, OrdC
Granger, H A, AS Timlin, J P, FC
Heidecker, D E, OrdC Wangemann, R T,
Hinchey, J, WAC MSC
Holm, D W, Arty Wharton, W N, TC
Junker, R D, Arm Whatley, H G, TC
Lee, W T, Arm

TO CWO, W-3

Anderson, G, Jr, QMC Piedad, W P, AGC
Jones, Jay M, AGC Rodriguez, M, OrdC

S. O. 271, 31 October

TO COLONEL

Henne, Chas A, Arm McGregor, E W, Inf

TO LIEUTENANT COLONEL

Borgen, Lloyd O, Arty Oakes, Edw E, Jr, FC
Medlen, D Y, CmlC

TO MAJOR

Campbell, Jas R, Arty Nash, Alfred G, Inf
Eversole, E A, Arty Oliver, Jas S, MPC
Fortin, C C, SigC Smith, Jas M, Inf
Flemming, F F, OrdC Wise, Cecil E, CE
McDaniel, Earl, Inf

TO CAPTAIN

Anderson, Robt D, TC Jones, Walter R, Inf
Bemis, W G, Jr, OrdC Kelly, Ted W, AGC
Colket, Chas H, Arty Le Clerc, Dale R, Inf
Gilbrech, C E, ANC Machen, Bobby, TC
Girvan, John B, ANC Minter, Erwin V, AI
Glenn, Jack B, Inf Milsdarfer, D R, ANC
Gray, Thos A, AGC Smith, Roy D, ANC
Harris, Robt E, Inf Truett, C P, OrdC
Johnson, Chas B, Inf Wells, David K, CmlC

TO CWO, W-3

Ingersoll, C J, Jr, AGC Olson, Albin J, AGC

Cdr. McGregor Takes Command At Zero

Cdr. Ronald K. McGregor, USN, has relieved Cdr. James J. Brosnahan, USN, as Commander, Antarctic Support Activities, and Commanding Officer, Naval Air Facility, McMurdo Sound.

The ceremonies took place on a "mild" Antarctic day with a zero temperature and winds of 14 knots.

Attending the ceremonies was RADM. David M. Tyree, USN, Commander of the Navy's Operation Deep Freeze.

Win Honors

RADM. Peter Corradi, Deputy Chief of Navy Civil Engineers, received the 1961 Columbo Award from the Italian-American Civic Club of Maryland recently in Baltimore. The award is presented each year to outstanding Americans of Italian descent who have excelled in their fields of endeavor.

Lt. Gen. John H. Hinrichs, Army Chief of Ordnance, received an American Ordnance Association gold medal 20 October in Los Angeles in recognition of distinguished service to U.S. industrial preparedness. Mr. James E. Trainer, National AOA President, made the award at a meeting of 600 members of the Los Angeles AOA Post.

Dr. James Roy Kent, Eglin AFB, Fla., and Dr. William B. Stafford, Naval Hospital, Long Beach, Calif., have been elected Fellows of the American Academy of Pediatrics.

John H. Thompson, Military Editor of the Chicago Tribune, has received a citation from St. John's Military Academy, Delafield, Wis., in recognition of the "work he has done to preserve the freedoms of our country, assisting our armed forces and veterans..." The presentation, the first citation ever awarded to a person who was not an alumnus of the school, was made by Joseph M. Taussig, Chicago attorney and past president of the alumni association.

Others honored by the school in the past include General Thomas White, retired Air For CofS; Frank C. Rathje, former President of the American Bankers Association; George F. Kennan, former Ambassador to Russia and now Ambassador to Yugoslavia; Lt. Gen. Edward A. Craig, retired head of the Marine Corps Reserve; and Brig. Gen. Roy F. Farrang, retired President of St. John's.

AF Awards To Collins

Collins Radio Company has received a \$577,548 Air Force contract for the delivery of airborne navigational equipment.

The Collins AQU-2/A Horizontal Situation Indicator, which gives an aircraft pilot a complete map-like view of his navigation situation by providing him with a combination of course, approach distance, bearing and drift angle information, will be installed aboard Air Force four-engine Hercules transports and Stratofortress jet bombers.

This is an Air Force "add-on" contract which brings the total contract award for Collins AQU-2/A equipment to \$1.8 million.

Collins also received a \$80,728 Air Force contract for airborne equipment test sets and for instruction manuals for this equipment.

SERVICE FAMILY NOTES

Louise B. McGiffert
Family Editor

Bertie Johnson
Associate Family Editor

Appoint Mrs. Grenfell Scholarship Director

The newly appointed National Director of the Dolphin Scholarship Foundation, (Submarine Scholarship) is Mrs. Elton W. Grenfell of Norfolk, Va. National Secretary is Mrs. James McCauley and National Treasurer is Mrs. Gary Weren-skjold. Mrs. Charles C. Baldwin is the Publicity Chairman.

The area chairman are:

Washington, D. C.—Mrs. B. A. Clarey, 7408 Wyndale Lane, Chevy Chase, Md.

Pearl Harbor, Hawaii—Mrs. H. R. Biven, 4422 Ukali Street, Honolulu 18.

New London, Conn.—Mrs. James Kalt- enborn, 18 Phillips St., Center Groton, Conn.

Key West, Fla.—Mrs. D. M. Kirpatrick, 2933 Riviera Drive, Key West, Fla.

Charleston, S.C.—Mrs. Stephen J. O'Leary, Jr., 1520 Jahnz Ave., Summerville, S.C.

Coronado, Calif.—Mrs. Regina Elliot, 848 "J" Ave., Coronado, California.

San Diego, Calif.—Mrs. Boone C. Taylor, 2582 Greyling Drive, San Diego 11, California.

For further information concerning the Scholarship contact your area chair- man.

Atlanta Depot Wives

Meet Mrs. Anderson

The Atlanta General Depot Officers' Wives Club entertained at a luncheon recently for wives of visiting military leaders attending The Quartermaster General's Commanders Conference at the Depot. Invited guests also included wives of many Atlanta area military men.

Of special interest was the presence of Mrs. Webster Anderson, wife of Maj. Gen. Anderson who became The Quartermaster General in June. The luncheon gave Mrs. Anderson an opportunity to meet many of the officers' wives for the first time.

Assisting in entertaining were Mrs. Robert C. Kyser, wife of the Depot Commander; Mrs. John Roach, Club President; Mrs. George L. Darley; Mrs. George Wise, entertainment chairman; and other members of the local Wives Club.

Okinawa Birthday



FROM Okinawa comes this first birth- day photo of an Army son and Navy grandson. He is Johnny Bullis, son of Lt. and Mrs. Lawrence H. Bullis, USA. Johnny's grandparents are Cdr. and Mrs. William E. Bullis of the Bullis Prepara- tory School in Washington, D. C. and Mr. and Mrs. Edward Taggart.

Lay Cornerstone



The cornerstone for the Mary Mc- Calla MacArthur Memorial Wing of the Soldiers, Sailors, Marines and Airmen's Club was laid 26 October by Mrs. Thomas Symington, daughter of Mrs. MacArthur, who came from her home in New York to participate in the ceremonies. The Wing is named for the late Mrs. Mac- Arthur as a tribute to the many hours of volunteer assistance she rendered to the Club over a number of years. Seen here (l to r) are Mrs. U. S. Grant Sharp, President of the Club, little Miss Ann Symington and Mrs. Symington.

Hail And Farewell

At Camp Leroy Johnson

A Hail and Farewell Reception was held at the Officers' Club, Camp Leroy Johnson, New Orleans, La., honoring officers of the U. S. Army Transportation Terminal Command, Gulf, and Camp Leroy Johnson, who have arrived since 23 September and those who will depart prior to 11 November.

Honored officers and their wives who formed the receiving line included: Col. and Mrs. Francis J. Goatley, Col. and Mrs. Edward B. Jennings, Lt. Col. James L. Blair, Lt. Col. and Mrs. Michael L. Nuzzo, Lt. Col. and Mrs. Crescent A. Ragana, Maj. and Mrs. George C. Par- sons, Maj. and Mrs. Edward Gertz Jr., Capt. and Mrs. Clarence J. Burger, Capt. Timothy J. Carmody, Capt. and Mrs. Barry Eng, Capt. and Mrs. James Harley, Capt. and Mrs. Raymond Shields, Capt. Russel Brown, Capt. and Mrs. Fleetwood C. Flythe, and Capt. and Mrs. Charles E. Downs.

First Lt. Robert E. Crowe, 1st Lt. and Mrs. David Jalosky, 1st Lt. and Mrs. Robert H. Burgamy, 1st Lt. and Mrs. William E. Holland, 1st Lt. and Mrs. George Black, 1st Lt. and Mrs. Laurens H. Crowell, 1st Lt. William Robinson, 1st Lt. and Mrs. George S. Chenault, 2d Lt. Vincent A. Marinello, 2d Lt. Thomas B. Hughes, 2d Lt. and Mrs. Richard S. Chancellor, 2d Lt. Gregory T. Ecuyer, 2d Lt. and Mrs. Carleton M. Sweeney, 2d Lt. William J. Doucette, 2d Lt. Lawrence J. Ernst, 2d Lt. Thomas J. Hackenberg, 2d Lt. Charles C. Martin Jr., 2d Lt. Richard G. Picatti, 2d Lt. Robert J. Rehtorik, 2d Lt. and Mrs. David P. Roberts, 2d Lt. Lon C. Ruedisili, 2d Lt. Edward N. Simon, 2d Lt. John R. Tolchin, 1st Lt. and Mrs. Clyde A. Monts Jr., 1st Lt. and Mrs. Hugh W. Plumlee, 1st Lt. and Mrs. Chester E. Spencer, 1st Lt. Rolfe A. Wylie, CWO and Mrs. Thomas W. Murray, CWO and Mrs. Charles P. Knowlton, CWO and Mrs. James F. Keville, CWO and Mrs. James F. Adams, CWO and Mrs. Michael J. Berkery, CWO and Mrs. Arthur Miller, and Warrant Officer and Mrs. Louis J. DeBlasio.

Service Folk

Mrs. Herbie Tillett has been elected President of the Mather AFB, Calif. Officers' Wives Club. Other officers are Mesdames Warren Houck, First Vice President; Richard Watson, Second Vice President; Dan E. Dalton, Record- ing Secretary; C. T. Peterson, Corres- ponding Secretary; Roy Layton, Treas- urer; Fred Daulton, Assistant Treasurer, and E. Q. Hagen, Parliamentarian. Out- going President is Mrs. James Hight.

Mrs. Marcella Ingvaldstad received a 100-Hour Pin for volunteer work with the Parris Island, S. C., Auxiliary of the Navy Relief Society from Maj. Gen. Thomas G. Ennis, CG of the East Coast Marine Corps Recruit Depot. Mrs. Ing- valdstad, wife of Captain Orlando Ing- valdstad (CHC), USN, Senior Depot Chaplain, has been Chairman of the Layette Department of the Parris Island Auxiliary since January.

VAdm. Herbert D. Riley, Deputy Chief of Naval Operations for Fleet Operations and Readiness, was at home to 250 guests 21 Oct. at Quarters H, Naval Weapons Plant. The guests were the of- ficers of the Fleet Operations and Read- iness Division of the Navy Department, and their ladies. Leading the guest list were five rear admirals—Admiral Riley's assistant, RAdm. Lawson P. Ramage, and the heads of the major branches of the Division, Admirals Ignatius J. Gallan- tin, John W. Byng, Lloyd M. Mustin, and George F. Pittard.

Among the twenty seniors at Mary Washington College of the University of Virginia to be listed in the current edition of "Who's Who Among Students At American Universities And Colleges" are Miss Lois Hartman, daughter of Capt. (USN) and Mrs. N. Nay of Cherry Point, N. C., Miss Margaret Elaine Clements, daughter of Col. (USA) and Mrs. Thomas H. Clements of Falls Church, Va., and Miss Julia Ann Shumaker, daughter of Col. (USA ret.) and Mrs. Henry Shumaker of Dayton, Ohio. Miss Hartman is president of her class, Miss Clements is editor-in-chief of the college annual, and Miss Shumaker is counselor to freshman counselors.

William R. Bromley, son of Brig. Gen. and Mrs. Richard F. Bromley, Travis AFB, Calif., has been selected as a deputy wing commander in the Air Force ROTC program at Southern Illinois University.

Miss Mary Stoughton, daughter of Maj. Gen. and Mrs. Tom R. Stoughton, is attending The Institute for American Universities, in Aix-en-Provence, France, for a year of study abroad from the University of New Hampshire at Dur- ham. Her mother and sister, Luisa, are living in Aix with her until next June.

Ft. Sill NCO Wives

Help Fund Drive

Maj. Gen. and Mrs. L. S. Griffing were guests of the NCO Wives Club for coffee 27 October when the club gave the post commander a \$100 donation for the Com- munity Activities Fund Drive. Mrs. James H. West, president, presented the check to General Griffing.

Mrs. Griffing, honorary president of the NCO Club Nursery, visited the nearby nursery after the get-together. The nurs- ery has recently been redecorated and renovated. New toys have been pur- chased, new heating installed in the play- room and some new equipment added.

Chaplain's Wives Will Meet

The Military Chaplain's Wives Club will meet at the Walter Reed AMC Of- ficer's Club, Tuesday 7 November at 12:30 P.M. Special guests will be the members of the Washington Women's Committee for Muslim-Christian Coop- eration.

JANGO O'SEAS

The first Overseas Guild and the first Army Outlying Guild of JANGO (Junior Army-Navy Guild Organization) has been in- stituted at the 34th General Hos- pital, Orleans, France.

The program under the super- vision of Chief Nurse Lt. Col. Elleen M. Murphy, was organized by Mrs. Joseph J. Hedley, who will act as Guild Chairman.

Eleven teenage daughters of officers assigned in the Orleans area were welcomed by Col. Karl D. MacMillan, Commanding Of- ficer of the hospital and Maj. Anna T. Wynne, ANC, Educational Co- ordinator for the 34th General.

The members are Elizabeth Bowden; Jacquelyn Moran; Dor- othy Krepis; Kathleen Kang; Susan Wallace; Christine Thatcher; Betty Severance; Lorraine Smith; Pa- tricia Henry; Nancy Thatcher and Margaret Adams.

JA Wives Meet 7 Nov.

The Army Judge Advocates' Wives Club will meet for luncheon on 7 November, at noon, at Ft. Lesley J. McNair.

Mr. Leland S. McCarthy, Managing Director of the Better Business Bureau of Metropolitan Washington, will be the speaker.

The wives of the Litigation Division will be the sponsors, with Mrs. Ernest C. Oeding as the chairman.

TAC Friendship Award To Mrs. Boomgaard

The Tactical Air Command Friendship Award for 1961 has been presented to a woman who has followed her husband through all four branches of the service during his 18-year career.

Mrs. Anne Boomgaard, wife of TSgt. Carl J. Boomgaard, of Cannon AFB, N. Mex., received the award for being the most outstanding Family Services volun- teer.

The Friendship Award is given to the TAC wife who, in the eyes of an award committee, has made the most notable contribution to the TAC Family Services program.

After arriving at Cannon in June 1960 Mrs. Boomgaard plunged into a multi- tude of activities that has included service with the Red Cross, the Cannon Teen Club, the NCO Wives Club (six months as treasurer) and three Parent-Teacher Association chapters.

In addition to her other duties, she has worked with the Cub Scouts and Girl Scouts, taught Sunday School and is an active member of the Clovis, N.M., VFW Auxiliary.

Engineer's Club, 9 Nov.

Members of the Engineer Officers' Club will lunch at the Ft. McNair Of- ficers' Club on 9 November, when Mrs. Julia Montgomery, an Army widow and stockbroker, will discuss "Putting Your Money to Work."

Mrs. George H. Decker, wife of the Army Chief of Staff, will be the honor- guest. Chairman for luncheon arrange- ments is Mrs. J. J. Hawkins, and her committee includes Mesdames F. Worth- ington, H. McCann, B. Brimm and D. Woods.

The Club's area hostesses have been extending hospitality with coffees to Engineer wives in their areas. They are Mesdames Richard A. Schwarz, Rock- ville, Md.; James E. Devine, Fairfax, Va.; George R. Stockdale, Ferdinand, Ind.; Curtis Chapman, Jr., Glen Johnson, Ernest Denz, Alexandria, Va.; Clyde T. Ernest, John Rutledge, Jr., Clare Farley, Frank Rhea, Springfield, Va.; and Corydon Veley, Ft. Myer, Va.

Many members have been busy pre- paring attractive items for the big JANGO Bazaar, 1 November, and meet- ings have been held at the home of Mrs. Walter K. Wilson, Jr., wife of the Chief of Engineers at Ft. Belvoir.

Service Weddings and Engagements

MRS. Sylvester Columbus Craycroft of Vine Grove, Ky., announces the marriage of her daughter, Martha Craycroft Coffey, to Capt. William Miles Stokes, III, USA, son of Major General and Mrs. Stokes, jr., of Lynchburg, Va. The ceremony was performed at the Post Chapel, Ft. Knox, Ky., 13 October.



Mrs. Stokes

Captain Stokes, a graduate of VMI, is assigned to the U. S. Army Armor School at Ft. Knox, and he and his bride will make their home at Elizabethtown, Ky.

LULL-HARDEN—Mr. and Mrs. Paul Harden of El Paso, Tex., announce the marriage of her daughter, Miss Marcia Ann Carpenter, to Mr. George F. Lull, III, son of Colonel (USA) and Mrs. Lull, jr., of William Beaumont General Hospital, El Paso, 21 October, at Christ Episcopal Church, El Paso.

The bride, who was given in marriage by her step-father, had Miss Carol Shults as her maid of honor, and Mr. Robert Crowley served as best man.

Mrs. Lull has been studying at Texas Western College. Her bridegroom, who is the grandson of Maj. Gen. G. F. Lull, USA-Ret., was graduated from the New Mexico Military Institute and attended its Junior College and the University of Texas.

The couple will be at home at 1606 No. Stanton St., El Paso.

BARR-VALLIS—In an afternoon ceremony at the home of Mr. and Mrs. George T. Hunt, La Rosiza/Pully,

Switzerland, 14 October, Mrs. Mary Vallis of Arlington, Va., and CWO Howard Barr, Ret., were united in marriage.

Mrs. Hunt attended the bride and Mr. Hunt (former major with the Army Transportation Corps) was best man for Mr. Barr.

The bridegroom is now representative of International Sea Van, Inc., in Germany, of which company Mr. Hunt is European General Manager.

OLDS-LOHRBAUER—Dr. and Mrs. Leif Tideman Lohrbauer of Clearwater, Fla., announce the engagement of their daughter, Linda Sue, to Lt.(jg) Frederick Arthur Olds, USN, son of Mrs. H. Barton Lewis of 438 Gardenia St., Belleair, Clearwater, Fla., and the late Maj. Gen. Robert Olds, USAF.



Miss Lohrbauer

Miss Lohrbauer, a graduate of Carleton College in Minnesota, studied at Columbia University and is an alumna of the Harvard-Radcliffe program in Business Administration. Now employed as a head resident counselor at Iowa State University, where she is completing work on a Master's degree, she is a member of the Pi Lambda Theta national educational honorary society. Her fiancé, USNA '59, attended Georgia Military Academy and the Sullivan Preparatory School. Currently serving as Damage Control Officer aboard the USS Luce, based at Mayport, Fla., he is the grandson of the late Col. E. Kearsley Sterling, USMA '01.

A late December wedding is planned.

Ft. Bragg Wives Are Capped

SIXTY-FIVE Red Cross Volunteers climaxed their training as Grey Ladies and Staff Aides at a graduation ceremony at Ft. Bragg, N. C. Mrs. Dumas H. Boardman, Chairman of Volunteers, presided.

Mrs. Hamilton Howze, Honorary Chairman of the Bragg Volunteers and wife of the CG, presented each graduate with her certificate as Mrs. Dow Grones, Vice Chairman of the Grey Ladies called each name. Mrs. Clyde Box, Honorary Vice Chairman awarded the pins. Mrs. William P. Yarborough, Grey Lady Chairman, capped the new Grey Ladies and Mrs. Roy Glover, Chairman of the Staff Aides capped the new Staff Aides.

Grey Ladies receiving caps were: Mesdames Truett Anderson, James Baker, Billy Boulton, Harry Calvin, George Case, Bruce Cochran, Robert Cochran, Everett Conwell, James Cruickshank, William Cupit, Harry Davis, James Douglas, Horace Ford, Marrin Foster, James Fout, William Francisco, Avery Grant, Robert Hammond, Arnold Hefte, David Herzog, Dole Johnson, Harvey Johnson, Gerald Kaufman, Robert Kuhn, W. L. McIlroy, Richard Mason, Claude Matchette, Fillmore Mearns, Robert Moberg, Robert Mountel, John Nolan, Robert Offley, Stanley Olchovik, Harry Perry, Roger Pezzelle, Robert Phillips, Russell Pierson, James Porterfield, Justus Riek, Stanley Rubin, James Rungee, Robert Shannon, Paul Smith, Daniel Smith, Clifford Snyder, Elliott Sydnor, Emily Trevathan, Douglas Weart and Roger Whiting.

Staff Aides receiving caps were: Mesdames George Calhoun, Emma Christianson, William Floyd, William Fry, Theodore Hummel, Wayne Jensen, Harold Keebaugh, Aron Littlejohn, Robert McGuffey, George Marx, Walter Moon, Fred Moore, Daniel O'Neill, George Ruckel, Lee Ward, William Willis.

Following the capping, Colonel F. W.

Regnier, Commanding Officer of Womack Army Hospital, welcomed the largest graduation class of volunteers in recent years.

Mrs. John Shearer, Chairman of Volunteers, Cumberland County Chapter, presented Mrs. Dumas H. Boardman the Red Cross Certificate of Appreciation for outstanding service as Vice-Chairman and Chairman of the Ft. Bragg Volunteers.

TOP HONORS

The Navy Relief Society has bestowed its highest award on Mrs. Anna May True at the Parris Island, S. C., Marine Corps Recruit Depot.

The Society's Meritorious Service Pin and Certificate of Meritorious Service were presented Mrs. True by Maj. Gen. Thomas G. Ennis, Depot CG and President of the Society's Parris Island Auxiliary.

The Certificate of Meritorious Service, signed by Admiral George Anderson, CNO and President of the Navy Relief Society, reads in part: "Anna May True . . . who has served faithfully in the Navy Relief Society and made important contributions toward the welfare of Naval Personnel and their dependents."

Mrs. True, wife of Capt. DeWitt True (MC) USN, Executive Officer of the Naval Hospital, Beaufort, S. C., became Senior Interviewer of the Auxiliary in September of last year and was appointed Chairman of Volunteer Workers in November of 1960. She has contributed more than 600 hours of volunteer work in the past 13 months.

What Do Submariners Like To Eat? "Dolphin Dishes" Gives The Recipes

AN unusual cook book—"Dolphin Dishes"—features favorite recipes of the officers, crews and families of U. S. Navy Submarine Forces.

First published in 1952 (it is now in its 5th printing), "Dolphin Dishes" recipes have been used all over the world by submariners.

"Dolphin Dishes" is a 284 spiral page cook book. Recipes include every known food category from soup to desserts, with a quick reference index.

Prize-winning recipes—850 of them—represent the crowning culinary achievements of 22 famous submarine cooks,

38 Navy personnel and hundreds of submarine wives.

"Dolphin Dishes" costs \$3.50 post-paid. Mail orders may be sent direct to Dolphin Dishes, P.O. Box 9611, Norfolk 5, Va. All proceeds from the sale of the cook book will go towards the support of the Dolphin Scholarship Foundation of the Submarine Service administered under the guidance of VADM. E. W. Grenfell, Commander Submarine Force Atlantic Fleet. This Foundation will provide college scholarships to the sons and daughters of qualified members or former members of the Submarine Service.

Boston Navy & Marine Club Open For Members

Wives of Naval and Marine Corps officers in the First Naval District, whose husbands are retired or on active duty, are eligible for membership in the Boston Navy and Marine Officers' Wives' Club.

The purpose of the Club is to promote friendships, to sponsor social functions, to help the Navy Relief Society by providing volunteer workers, making layettes, and conducting the Thrift Shop, and to assist in other worthy causes.

Luncheons are usually held on the first Wednesday of each month at the Commissioned Officers' Mess, Boston Naval Shipyard.

Among the events planned for the 1961-1962 season are a reception for officers and their wives on 3 November; a Christmas bazaar on 6 December, the proceeds of which are devoted to charity; luncheon in March at which a Knit Fashion Show will be presented; and the annual formal dinner dance in May.

The Advisory Board of the Club is composed of Mrs. Carl F. Espe, wife of RADM. Carl F. Espe, USN, Commandant of the First Naval District; Mrs. William A. Brockett, wife of RADM. W. A. Brockett, USN, Commander, Boston Naval Shipyard; Mrs. Charles M. Keyes, wife of Capt. C. M. Keyes, USN, Chief of Staff, First Naval District; Mrs. Edward L. Cochrane, widow of VADM. E. L. Cochrane, USN, former Dean of Engineering, Massachusetts Institute of Technology; Mrs. Victor H. Soucek, wife of Capt. V. H. Soucek, USN (Ret.); and Mrs. John B. Barger, wife of Capt. J. B. Barger, MC, USN, Medical Officer, Boston Naval Shipyard. Mrs. Barger is Past President of the Club.

Newly elected officers of the Club are Mrs. Edward T. Steigleman, wife of Capt. E. T. Steigleman, USN, Planning Officer, Boston Naval Shipyard, President; Mrs. Robert P. Brett, wife of LCDR. R. P. Brett, USN, Assistant for Public Information, First Naval District, Vice President; Mrs. Francis J. Mac Laughlin, jr., wife of Ltjg. F. J. Mac Laughlin, jr., USNR, Defense Counsel, First Naval District, Secretary; Mrs. Julian T. Bollinger, wife of Capt. J. T. Bollinger, USN, Commander U. S. Naval Station, Boston, Treasurer; Mrs. Stephen T. Kasper, wife of Capt. S. T. Kasper, DC, USN, District Dental Officer, First Naval District, Publicity; and Mrs. William E. Jeremiah, wife of Commander W. E. Jeremiah, USN, Inspection Officer, Supervisor of Shipbuilding, Quincy.

Name Mrs. Dickson ARS Rep. At Ft. Lewis, Wash.

Mrs. Donald D. Dickson, wife of Colonel Dickson, 4th Infantry Division Chief of Staff, has been named Ft. Lewis, Wash., representative of the Army Relief Society.

Organized in 1900 at the close of the Spanish-American War, the Army Relief Society stands ready to help widows and orphans of Regular Army personnel in cases of emergency and to provide educational opportunities for orphan children.

Navy Doctors' Wives

The Navy Doctors' Wives, Club of Washington, D. C. will hold its monthly meeting at 12:00 noon on Thursday, 9 November, at the Officers' Club, National Naval Medical Center. Mrs. John S. Shaver will be chairman of the meeting with Mrs. William S. Lawler as her co-chairman.

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From page 6—

Brumbaugh, D C
Bryan, G S, jr
Bryant, Bobby Day
Burgesser, C B
Burgin, W J
Burkart, John Carr
Burke, James Adolph
Burke, Robert E
Burns, Robert
Burton, J B
Butler, F J, jr
Byington, W G
Caine, Arthur Dixon
Callas, E G
Callaway, J D, jr
Callihan, P S
Campbell, J W
Campbell, R D
Campbell, W M
Cardillo, R J
Carlisle, C S
Carmant, F, jr
Carnahan, R H
Carpenter, H L
Cartwright, H J
Casey, R M
Casper, W F, jr
Casseday, J N
Causey, C W, jr
Chamberlain, C H
Chamberlain, R E, jr
Chambers, L S, jr
Chandler, D E
Chapman, J H
Chapman, K J
Chastain, J A
Chrisler, Robert P
Chute, Charles Lionel
Clause, Harold
Cleveland, W H
Clement, M R, jr
Cobean, W R, jr
Cockrell, Jack Ralph
Cole, Ben Nooe
Cole, Kenneth J
Coleman, Yale
Colquhoun, R G
Comet, Robert Eric
Cone, Warren Mason
Conn, Robert Henry
Constantine, J R
Coppedge, J O
Counihan, H R
Covert, L W
Cowan, Paul Guest
Crandall, Jack C
Crandall, W R
Crane, J W, jr
Creighton, B H, jr
Crockett, C B, jr
Cronemiller, C F, jr
Crowe, Thomas H
Crowe, W J, jr
Cuccias, R F
Cumplings, C W
Cummins, P P
Czerwenka, A P
Damon, W Q
Dandrea, F A
Darr, James, jr
Daugherty, E H
Davenport, F W
Davidson, A N
Davies, H E
Davis, Calvin Ray
Davis, H W, jr
Davis, O E, jr
Davis, Roy Elliott
Davis, T F
Davison, M L
Davison, R R
Decamp, D E
Degana, J A
Delorenzi, R M
Densford, J W, jr
Denton, J A, jr
Deveas, T E
Dew, Carlos, jr
Dickson, John Emery
Diffendorfer, J J
Ditzler, David Dean
Doak, W C
Doescher, W W, jr
Donaldson, C E, III
Dorman, A E
Doty, William Kahlen
Dougherty, John J
Douglass, Dee Wayne
Douglass, W M
Doyle, J H, jr
Doyle, W A, jr
Dozier, James Hoyt
Drake, John Francis
Duackee, A W
Duckett, J P
Dudley, S F
Dunton, S W
Durey, Orin Jordan
Eadie, Charles James
Ebel, Stanley Taylor
Edwards, H L
Eisner, L H
Ekelun, K O, jr
Elefante, F L
Elling, W A
Elliott, C E
Elliott, Thomas John
Ellis, Samuel Schild

Ellis, William Harold
Endacott, J A
Enright, Robert Earl
Estelman, H J
Evans, Joseph Dennis
Everett, J G
Ewald, A A, jr
Farley, James E
Farley, John W
Farley, Russell J
Farshing, D D, jr
Faughman, F P
Fauli, Joe Douglas
Fenwick, J E
Ferguson, James C
Filson, Paul L
Finneran, J G
Fischer, D J
Fisher, Lee Wilson
Fisher, W B, jr
Fiske, C O
Foote, Edward James
Ford, Frank Wilson
Forsyth, D D
Fortson, T E
Fosdick, T D
Foster, William L
Foust, James Warren
Fowler, E B, jr
Foy, George Edward
Francis, Samuel
Fritsch, E C, jr
Fritz, E S
Gallup, F S, jr
Gammill, J L
Gardner, R S
Gardner, J S
Garrison, W V
Gary, Stanley Platt
Gay, William Wallace
Geary, J T
Geary, Mervyn Ottis
Geer, Jon Roger
George, R McL
Georgen, W M
Gerecke, T F
Gerhard, H E, jr
Gernert, H F
Ginn, Benjamin F
Girard, Jean Louis
Glab, Joseph Tadeusz
Glaser, William Reed
Glauser, C J
Gless, Richard D
Glover, J W
Glowasky, W A
Goodpasture, J H
Gorder, M H
Gott, Charles L
Gower, H T, jr
Gower, Robert F
Graham, T A
Grantham, D D
Grantham, J A, jr
Grantham, R D
Graves, Jack Carl
Gray, G L, jr
Gregory, G K, jr
Gremer, C E
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Guertin, L H
Gunter, M M, jr
Guthrie, C E
Guthrie, C A
Gygax, Rex
Haecherl, F S
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Hahs, Orrie Andrew
Haines, J B
Haizlip, J W, jr
Hall, Ray Eldon
Hallett, O S
Hamaker, W R
Hancock, David Louis
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Hannah, Glyde B
Hansen, Hans Peter
Hansen, H C
Hanson, Edgar Guest
Hardy, Willis Allen
Harmer, F D, jr
Harris, Eli Paul, jr
Harris, W L, jr
Harrison, W M
Hartley, P J, jr
Hartman, W R
Harvey, D P
Hauser, W F
Haycraft, Logan, jr
Hays, S T, jr
Hayward, T B
Hazen, A M
Hedgepeth, C H
Heekin, Robert P
Heldorn, L H
Helle, Donald Henry
Helmbach, H R, jr
Heller, Lester Merly
Henner, E H
Henriques, D N, jr
Henry, Eugene M
Herbert, C A
Herbert, Edward D
Hessom, R C
Higley, W A
Hilton, Jack
Hinkle, William Lee

Hodge, Carl Leslie
Hoffman, P J
Hoffman, R L
Hollyer, R S
Holm, Kenneth C
Holmberg, F E
Holmes, Robert E
Hoofstetter, W B
Horn, Francis R
Horn, Maurice A
Horton, Walter R
Horton, William P
Houck, Donald F
Houston, W S, jr
Howe, Thomas
Howell, R S, jr
Hoy, Hugh A
Hudner, T J, jr
Hughes, Arthur J
Hughes, T J, jr
Hulihan, John W
Hunter, P F, III
Husty, Richard M
Hutchinson, T H, jr
Hutchinson, H R
Hutton, William L
Huval, Willard Roy
Irish, Edelbert E
Irvine, Harry B
Irwin, C M, jr
Iselin, E C, jr
Ives, Thomas King
Jensen, William G
Jewett, F F, II
Jex, Donald Robert
Johnson, C E
Johnson, Paul Snider
Johnson, T R, jr
Johnson, J W
Jones, Allen, jr
Jorgensen, G D
Joynton, H D, jr
Junghans, Robert C
Justice, J O, jr
Karlowicz, M J
Kasner, Edmund B
Kaiser, George R
Kellam, Raymond O
Kemp, Glenn E
Kennedy, James R
Kessing, O O, jr
Kiehl, Elmer Hill
Kilgore, Frank J
Killingbeck, W E
Kimble, Elbert Dale
King, O D, jr
Kingsbury, C E
Kinney, D E
Kirk, George G E
Kirkpatrick, James
Kiser, Charles A
Kline, E C, jr
Kneuen, W H
Kochis, Peter Charles
Koeckpe, W W
Korb, Frank John
Kosnik, Joseph T
Kovanic, Francis J
Krebs, E C, jr
Kriss, John
Kuehn, Walter John
Lackore, R C, jr
Lahaye, James David
Lakay, Keith Gilbert
Lambert, Joel, jr
Lammers, L R
Langford, John Den
Langue, A J
Laperche, Jacques B
Larcombe, H N, jr
Lasseter, Joe F, jr
Lassiter, A C, jr
Layser, Richard Gene
Lebreton, G J, jr
Leddick, Roth S
Lee, Robert Earl
Leib, James M
Leidholdt, E M
Leisk, W H, jr
Lenihan, J E
Lennon, Gerard T
Leutz, Leon H
Lewis, John C
Liles, Percy L
Lindberg, Charles H
Linder, Isham W
Longley, Wilbur E
Loranger, Donald
Macomber, Mark M
Macon, B H
Malan, Max E
Mann, Philip L
Manring, Alvin B
March, George P
Marker, Raymond K
Marsh, John C
Martin, Barney
Martin, F V
Martz, David J
Marvin, Stephen D
Matejcek, John F
Matthews, H L, jr
Matthews, W L, III
Matthews, W R
Mattson, Kenneth B
Matula, Valentin G
Maxwell, R C, jr
May, Robert Carl
Maynard, Allison L

McAdams, Lee T
McCabe, Robert E
McClougherty, B M
McConnell, Frederick
McCracken, W H
McCrory, Robert D
McDonald, Wesley L
McDonnel, James L
McGrane, C V, jr
McGrath, Charles J
McIntyre, Douglas E
McKee, David A
McKeever, Elmer V
McMullen, F D, jr
McMurray, S F
McNeill, Robert K
McNett, Edgar L
McOmie, Donald B
McRostie, Richard J
McVey, Don Carr
Meginniss, Walter M
Melick, Roger E
Mentzer, Howard D
Merrill, C V
Metzel, J C, jr
Meyer, Wayne E
Miller, John W
Mills, Jack O
Mills, William P
Mingo, John J
Mongilardi, P, jr
Moore, Harry R
Moore, James I
Moore, R L, jr
Moorehead, K W
Moreland, H A, jr
Morey, W C, jr
Morgan, Horace H
Morgan, Robert L
Moro, Albert J
Moseley, Richard E
Moss, James L
Mount, Harold W
Muncie, Maurice O
Munnikhuysen, H F
Murray, Harrison C
Nagler, Gordon R
Nelson, Albert N, jr
Nelson, Gerald L
Nelson, Perry W
Nemoff, Alfred J
Nevitt, Fred M, jr
Newsome, William R
Ney, Kenneth C
Nichols, Robert L
Nicholson, John H
Nicholson, Robert H
Nimtz, C E C
Nippert, Glenn E
Nivison, William
Noble, Guy E
Noble, Lee V
Noesen, Harold
Nolta, C V, jr
Nordberg, D W
Norris, Crockett, J
Nuss, Jerry J
O'Berger, Owen H
O'Callaghan, E W
O'Dell, Robert L
Oechslin, Robert E
Ogden, S B, jr
Ogle, Robert J
Olivari, Louis
Oliver, Stephen
O'Neill, Timothy R
O'Neill, T H R
Orton, Robert D
Ostertag, Carl J, jr
Owen, Howard J
Owens, Haydn, jr
Pace, Robert D, jr
Packer, Duncan
Packer, S H, II
Paddock, R A
Paige, Robert W
Panther, James E
Parks, Larry G
Paxson, Roy H, jr
Peadar, James T, jr
Peledault, Henry R
Peeler, James C
Peniston, Robert C
Pepple, Donald J
Perez, Raul B
Petersen, Richard L
Phillips, Billy
Phillips, Harvey R
Piatek, John A
Pickert, A J, jr
Pierozzi, C N
Pierucki, Ervin J
Pietrowski, E L F
Pienkpank, Merrill C
Pirro, John J
Pittman, Shelly B
Ploetz, John D
Plunkett, Robert D
Pomeroy, L K, jr
Poplin, Glenn O
Porter, William R
Posch, Frank M
Postlethwaite, C W
Potter, Eugene W
Potter, Horace S
Powell, Arthur E
Presson, H W, jr
Price, Charles H

Price, Harold B
Pringle, Robert C
Probyn, Robert W
Purcell, S E, jr
Putman, Orlin N
Quisenberry, W R
Rae, William C, jr
Randall, Craig E
Ranzau, Walter W
Rasmussen, M E
Rayner, Donald E
Readdy, Francis J
Reed, Robert F
Reese, John W, jr
Reese, Walter H
Regan, William F
Reich, Charles A
Reider, Richard K
Reilly, J D, jr
Rex, James F
Reynolds, George R
Rezzarday, J, jr
Rich, Harold G
Richardson, James P
Richelleu, Charles F
Riddick, John C
Rieke, Norbert A
Riggan, J M, jr
Riggs, Wallace M
Riley, Edward E
Robb, William H
Robke, Jack H
Roberts, John
Roche, Robert F
Rodgers, Hollis T
Rodgers, L G
Rodler, Richard L
Roesser, Claude W
Roetman, Orvil M
Rogers, Bernard L
Rogers, Frank W
Rogers, William H

Romatoski, L A, jr
Rose, Charles J
Rose, Vernon D, jr
Rowe, Donald E
Roy, Robert I
Rupp, Herbert H
Rushin, Thomas E
Russell, William M
Ruxton, R T, jr
Ryan, Bayliss Q
Sabin, Nelson
Sanders, Rodney D
Sanders, W T, jr
Schatz, Clifford E
Scheer, L E
Scherrer, David E
Schmieder, Arthur H
Schneider, R F J
Schneiders, Joseph M
Schoenherr, C G
Schultz, Robert F
Schuknecht, Arnold R
Scott, Benedict J
Scott, Norvell O, jr
Scott, Walter
Scripps, John L, III
Scully, Robert L
Searl, Floyd C
Sentman, Albert G
Shakshober, M C
Sharer, Keith W
Shea, Stephen J
Shelton, John P
Sherman, H G
Shipman, James L
Shonk, W H, jr
Shrake, Francis B
Sigafos, John J
Sigler, E E, jr
Simmons, Mitchell M
Sinclair, G T, jr
Sisson, Luther B

Slonim, Charles E
Small, Rufus C
Smerdon, John E, jr
Smith, Albert J
Smith, Billie E
Smith, Donald L
Smith, Emory P
Smith, George T
Smith, George E
Smith, Henry L
Smith, James V
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Smith, Raymond D
Smith, Richard C
Smith, Robert S
Smith, Rush S
Smith, Wallace E
Smith, Wayne H
Smith, Wendell K
Snead, Leonard A
Snyder, Jack L
Spann, Willis L
Spencer, William A
Spruit, Robert E
Stadter, George B
Stanfield, Henry L
Stanfill, J F, jr
Stanley, Henry T, jr
Stanley, Hilton L
Starr, Mark R
Stclair, William F
Stecker, Kenneth W
Steeves, Harold M
Stephenson, C B
Stevens, Jack M
Stewart, Richard C
StGeorge, William R
StMarie, John W
Stoble, Edwin F
Stockdale, James B
Stokes, R E L, jr
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Stone, Robert S
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Suther, T W, jr
Sutherland, Robert S
Swainson, G F, jr
Swanson, Hjalmer E
Sweeney, James R
Swope, John R
Taft, Jesse W
Talago, Joseph, jr
Taylor, James D
Taylor, Waymon
Teasley, W A, jr
Thayer, Wirt C
Thede, William L
Thomas, Robert E
Thompson, Lewayne
Thompson, William
Thompson, W F
Thomson, R G, jr
Thornton, John L
Thorson, Robert L
Thurtell, Frank A
Tice, John J, III
Tideman, Otto D
Tilghman, W W, jr
Tilley, Herbert S
Tilcomb, Edmund B
Tolson, George F, jr
Toohill, Donald L
Trahan, Paul K
Travers, Edward P
Travers, Martin J
Treadwell, Archie B
Trube, Alfred G, jr
Tucker, Ralph M
Tucker, William W
Turner, Stansfield
Twaddell, Miles E
Twarog, George E

Navy Orders To Lieutenant Commanders

From page 16—

WEBSTER, William S, jr, CO AEWron 4; to NavCIScol Glynco.
WILKINS, James C, jr, AFSC NorVa DUIns; to HelAntiSubRon 13.

LIEUTENANT COMMANDER

BESMEN, Henry C, (CEC), NavSecSta Wash DC; to BuPers.
BOSIER, Ruth M, BuPers; to USNavPG SC Monterey.
ASKEW, George V, AtkRon 195; to BuWeps.
ASLUND, Roland E, AirDevRon 4; to USS Ticonderoga.
BECK, Joseph F, (CEC), BuDocksContr Marianas; to NavPWCen Guam.
DEIBLER, Daniel T, NavCIScol NAS Glynco; to AEWron 13.
FORSTER, William G, USS Lake Champlain; to HelAntiSubRon 9.
HUNTER, Lewis S, (CEC), BuDocksContr Marianas; to NavPWCen Guam.
McNEILL, Alexander, jr, NavCIScol NAS Glynco; to PhilGru 3.
MOGA, Gregg M, jr, (MC), Children's Med Cen Bldg DUIns; to NavHosp GLakes.
MURRAY, Elizabeth M, (NC), NavHosp Chelsea; to NavSta Argentina.
NELSON, Robert E, NavCIScol NAS Glynco; to CarAEWron 13.
POMMIER, Angelina T, (NC), NavHosp Nav Base Chasn; to NavHospCorScol NavHosp GLakes.
READ, Robert B, NavCIScol NAS Glynco; to USS Constellation.
REPOVSCH, Albert W, HelAntiSubRon 2; to NaTestCen PaxRiv.
SCHIED, Charles F, Ofc of BuWepsRep Grumman AirEngCorp Bethpage LI; to CarAEWron 33.
STOCKMEIER, Dean, NavMinDefLab Panama City; to USS Aldebaran.
LEE, Calvin H, NAS Cecil Fld; to NAS New York Bklyn.
WEIDMAN, William K, CO USS Howard D Crow; to USS Dewey.
BRIGGS, Richard W, NAS Miramar; to Nav Sta Kodiak.
HORN BROOK, James M, CO USS Parle; to CarDiv 2.
JOHNSON, Roy, TraRon 23 NAAS Kingsville; to AEWron 11.
MALONE, Roy W, USS Aldebaran; to CO USS Lacerator.
MARCELLUS, Russell A, USS Watts; to USS The Sullivans.
PFUNDSTEIN, Thomas D, USS Catamount; to ONR NavDept.
RIPLEY, Robert K, NavTacDev And ProActy NavSta WashDC; to OpNav.
SHARP, Kenneth H, NaTestCen PaxRiv; to AEWron 13.
SMITH, Harry O, jr, (SC), 12ND tem; to NAS Alameda.
WERNER, Gordon W, (MSC), NavUnit Army ChemCorp Scol Ft McClellan; to NavRadiological DefLab SFRan.
WHITE, Kent E, USS Wren; to CarDiv 6.
WILBER, Walter E, FitRon 11; to NavAv SafetyCen NAS NorVa.
WILSON, George B, jr, AFSC NorVa DUIns; to BuWeps.

WOLLAM, Raymond L, NavSec MAAG Brazil Rio De Janeiro; to AirAntiSubRon 30.
LAWRIE, James H, (MC), St Charles Hosp Bklyn DUIns; to NavHosp in The USS Haven.
LEE, Marvin C, CO USS Edmunds; to Tra Fa.
LOWER, William B, NavCommSta London-derry; to MSTSLantArea.
MASON, Robert C, PhilGru 1; to FleActy Yokosuka.
McDONALD, Nathan F, HelAntiSubRon 4; to FleASWScol SDiego.
PAILER, Kenneth C, NAS Cubi Pt; to Nav SCPreFlt NAS Pnca.
STEVENSON, Martha J, (NC), NavHosp Cam Pen; to NavHosp SDiego.
ALLEN, Beverlee J, PRNC; to BuPers.
AUSTIN, James M, AEWron 4; to OpNav.
BARRON, Blannie, (NC), NavCBcen PorHue; to NavSta Kodiak.
BUTLER, Anna T, (NC), USS General William Mitchell; to NavHosp Cam Pen.
HUFF, Mahlon S, NaTestCen PaxRiv; to AtkRon 25.
JACOBSON, Frances J, (NC), NavHosp Portsmouth Va; to NavSta Kodiak.
KELLER, Harry S, jr, BuPers; to USS Hawkins.
LAMBERT, Walter D, NAS New York Bklyn; to NARTU NAF Andrews AFB.
FORTSON, Thomas E, AFSC NorVa DUIns; to USS Long Beach.
GRAVES, Robert L, AirTransRon 21 Japan Det; to OIC Air Navigation Ofc NAS Alameda.
HALL, Fred M, CarAntiSubAirGru 57; to AtkRon 122.
HOSSFELD, James F, USS Greenwich Bay; to PatRon 47.
METZINGER, William D, NARTU NAS Alameda; to NavSta Midways.
MILLS, Joel R, NARTU NAS Jax; to Air TransRon 7 Det Alfa.
PICKERT, Aloysius J, jr, AFSC NorVa DU Ins; to CarDiv 2.
PYLE, John C, (SC), NavFuelDep Rota; to NOP LVille.
REDDEN, Lawrence E, AFSC NorVa DUIns; to PatRon 22.
SPROULL, Harold H, AirAntiSubRon 26; to LantFit ASW TacScol NorVa.
TABOR, Fordham D, (SC), NavSec MAAG Viet Nam Saigon; to NavCBcen Davisville.
URBAN, Henry, jr, FAIRHawaii; to JStaff CincPac.
WARREN, George V, USS Essex; to FleTra Gru Gtmo.
WEININGER, John A, AirTransRon 7; to NaTransWgPac.
WELGE, Harry K, (SC), USS Mississinewa; to BuSanda.
BORGSTEDT, Forest C, BuWeps; to NAF Naples.
BOWDEN, John L, jr, AEWBaronPac Det Alfa; to FAIRHawaii.
BOWDEY, Floyd D, AFSC NorVa DUIns; to USS Forrestal.
BUCKBEE, William D, MareGru PacResFlt; to USS Howard W Gilmore.
DUNCAN, Richard D, NavSecGruHq Wash DC; to NavSecGruActy Kami Seya.

May Delay Bolté Plan To Budget

From first page—

be given to the Navy to bring all Services on a par with their general/flag officer authorizations.

In the field grades, General Bolté and his associates have called for an increase of 2205 colonels/captains, 5255 lieutenant colonels/commanders, and 979 majors/lieutenant commanders.

The Army would gain only 53 colonels, compared with 376 Navy captains, 1612 Air Force colonels, and 162 Marine colonels.

On the lieutenant colonel level, the Army would lose 249, while the Navy gains 184. The Air Force would get 4826 new lieutenant colonels, and the Marine Corps 495.

Secretary of Defense McNamara had previously authorized the Air Force to ask Congress for emergency approval of 4826 new lieutenant spaces. Congress actually approved a 4,000 increase.

The advance implementation of this section of the Bolté report by the Air Force was allowed to prevent "promotion stagnation" to field grade rank which would have followed this year unless the new spaces were authorized.

In approving the Bolté plan with only minor modifications, Secretary McNamara over-rode strong Army objections that there is no need to overhaul the Army's present personnel system. The Army had asked Secretary McNamara not to implement the report.

The Navy and Air Force, however, were strongly in favor of the report, with the Navy insisting on an "all or nothing at all" approach on its implementation.

RETIREED ACTIVITIES:

General Rawlings Is General Mills President; First Army Transport Chief Presents Medals

GENERAL E. W. Rawlings, USAF-Ret., Executive Vice-President since April 1960, has been named President of General Mills, Minneapolis, effective 1 December. C. H. Bell, who has served as President since June, 1952, was elected Chairman of the Board to succeed Gerald S. Kennedy, who continues as Chairman of the Executive Committee of the Board.

General Rawlings, 57, joined General Mills in 1959 upon his retirement as head of the Air Materiel Command for eight years. Elected to the company's Board of Directors, he was also appointed Financial Vice-President, with responsibility for the broad financial planning of the company. He was named Executive Vice-President, heading finance and consumer food activities, in April, 1960. General Rawlings was appointed Executive Vice-President for all operations and finance on 1 June, 1961.

In 1929, General Rawlings entered the Army as a flying cadet, and in 1954, at the age of 49, became one of the youngest four star generals in the nation's history. During his military career, he attended the Harvard University Graduate School of Business Administration. He was graduated in 1939 with distinction, receiving a master's degree in industrial management.

Maj. Gen. Charles P. Gross, USA-Ret., who served as the first Army Chief of Transportation in 1942, presented the DFC to two Chief Warrant Officers at the October Garrison Review, at Ft. Eustis, Va. CWO Ulysses Morton and CWO Michael V. Mayville, both assigned to the Transportation Board, received DFC medals for "outstanding flying skill, professional competence and resourceful leadership in the successful completion of the first crossing of the Greenland Icecap by Army type aircraft," during Project Lead Dog in 1960.

Col. James R. Truden, G4, and Col. William D. Putnam, Post Quartermaster, headed the list of Eustis retirees. Colonel Truden plans to live in Duxbury, Mass., where he will enter the educational field. Colonel Putnam plans to live in Myrtle Beach, S. C.

Col. Herbert C. Person, USAF-Ret., who ended his career at Keesler AFB, Miss., and Mrs. Person plan to make their home in Ft. Meyers, Fla., where he will be associated with the architect and engineers firm of Bail, Horton and Associates.

Maj. Afton M. Scofield, ANC, has ended more than 20 years Federal Service in a retirement ceremony at Munson Army Hospital Ft. Leavenworth, Kans. Her retirement address is 212 South Second East, Brigham City, Utah.

Lt. Gen. Robert M. Cannon, USA-Ret., former Sixth US Army commanding general, has been elected to the board of directors of the San Francisco Federal Savings and Loan Association. Continuing ties formed during two tours of duty at the Presidio of San Francisco, General and Mrs. Cannon have decided to make their permanent home in San Francisco.

From April 1946 to February 1948, General Cannon served as Assistant Chief of Staff, (Logistics), for the newly reactivated Sixth US Army headquarters at the Presidio. On September 2, 1959, he returned to the Presidio to succeed Lt. Gen. Charles D. Palmer, as Commanding General, Sixth US Army. He retired from active duty on August 31 of this year.

A 1925 graduate of West Point, General Cannon was commissioned in the Field Artillery. During World War II, he served in the China-Burma-India Theater as a member of the Stilwell Mission.

Appointment of Col. Milton L. Rosen, USA-Ret., as Director of Projects Development for Harvey Aluminum (Inc.),

has been announced by S. Keith Linden, Harvey Vice President.

Colonel Rosen, who retired in 1955 after 20 years' commissioned service, was active in the industrial field before accepting his new position with Harvey. He was graduated from the U. S. Military Academy in 1935 and served in the Infantry and General Staff Corps.

Lt. Gen. Milton G. Baker, NGUS-Ret., former Deputy Post Commander of Ft. Hood, Tex., and his wife will visit the West Coast before continuing on to Japan, where they will remain several weeks. They will make their home at 2562 Weidell Road NE in Atlanta, Ga., after their vacation in Japan.

Col. Thomas H. Watkins, USA-Ret., former Deputy Post Commander of Ft. Hood, Tex., and his wife will visit the West Coast before continuing on to Japan, where they will remain several weeks. They will make their home at 2562 Weidell Road NE in Atlanta, Ga., after their vacation in Japan.

Green Mountain Retired Honor Senator Aiken

Senator George D. Aiken, (R-Vt.), has been honored by the annual meeting of the Green Mountain Chapter of the Retired Officers at Norwich University. The Senator was presented with an honorary membership and cited for "decades of service to the State of Vermont and the entire Nation."

A special message was received from General of the Army Dwight D. Eisenhower.

Former Secretary of the Navy W. B. Franke, now a resident of Rutland, was also awarded an honorary membership in the Green Mountain Chapter "in recognition of efforts on behalf of the national defense of the United States."

Included among the other guests of honor was RADM. Lawson P. Ramage, the only active duty flag officer in the US Navy who holds the Medal of Honor. He is a native of Readsboro.

The Green Mountain Chapter membership includes retired officers of the Armed Forces residing in Vermont, New Hampshire, and Northeastern New York.

Capt. Gerald C. DeGrandpre, MC, USNR, Plattsburgh, N. Y., was elected as President to succeed Col. John J. Madigan, Jr., of Proctor. Other officers elected included: Col. James K. Mitchell, Pittsford, Vice President; Col. Lincoln F. Daniels, Middlebury, secretary; and Capt. George H. Huban, Middlebury, Treasurer.

Members of the Board of Directors elected for one year terms are: CWO Joseph J. Ayers, USMC, Burlington; RADM. James T. Brewer, Plattsburgh, N.H.; Col. Burnett V. Bryant, Durham, N.H.; Lt. Col. Walter E. Cleveland, Burlington; Lt. Col. Fred B. Crawford, Newport; Col. Barth DeGraff, New Hampton, N. H.; Lt. Col. John R. W. Hall, Waterbury; Lt. Cdr. Willie L. Jones, Charlestown, N. H.; Col. John J. Madigan, Jr., Proctor; Capt. Chester G. Mayo, USN, Huntington; and Lt. Col. Ralph H. Wells, Brandon.

Marine Corps Orders

From page 7—

Tisdale, William E, Chicago, to MCB Cam Lej.

RETIREED

Lt Colonel

Davis, Bert, Jr Pounds, James A, 3d

Major

Capps, Arnold B. Erbland, Robert M, to temp disab ret list.

Captain

Forgash, Edward M. Dean, John L, to temp disab ret list.

Chief Warrant Officer

Pollak, W-3 William G. Friend, W-3 Victor S. Jr.

Vall, Malcolm E
Vall, Ronald A
Vall, James R
Vandemark, James L
Vansickle, John R
Vantuy, A J, Jr
Vaughan, Jack A
Vaught, Thomas B
Vereen, Jackson E
Viney, Irwin J
Vongerichten, R L
Voorhees, Jack R
Vose, Frederic H E
Wade, William D
Wahl, Clyde F
Walden, Walter A
Walker, William O
Walters, Joseph F
Ward, Raymond, E
Warren, George V
Weaver, Keith T
Wells, Donald M
Wells, John T
Wells, John W
Welty, Wayne J
Wenger, Donald B
Werle, Joseph P, Jr
Werner, Paul F
West, Earle L
Westmoreland, A E
Whaley, Lucien O G
Whitmore, Donald B
Whitney, William J

Whyte, Herbert E
Wieland, Daniel T
Wiggins, Bryan D
Wiggins, James M
Wiggins, Thomas E
Wilkinson, Roland F
Williams, B D, Jr
Williams, Elmer R
Williams, J N, Jr
Williams, J H D
Williams, J L, Jr
Williams, John G, Jr
Wilson, George B, Jr
Wilson, Irving G
Wilson, James B
Wilson, James G
Wilson, K E, Jr
Wilson, Phillip A
Wilson, William D
Wineman, Glenn W
Wise, M H, Jr
Wolfe, George M
Wollam, Raymond L
Woody, William S
Working, Patrick L
Wrzesinski, Robert
Young, Harold M
Young, Austin V
Yuengling, D J
Zebrowski, Walter T
Zimmerman, G G
Zimmerman, W L
Zuehlke, Lloyd T

Army Reorganization

From first page—

A preliminary report is due this weekend.

Secretary McNamara is known to be anxious to implement the Hoelscher report recommendations—thus far not made public—as quickly as possible. This has been taken to mean that announcement of the reorganization plan and orders for its implementation should be forthcoming before Congress reconvenes in January.

The full title of the "Hoelscher Report," which indicates the broad scope of the Committee's work, is "A Study of the Functions, Organization and Procedures of the Department of the Army."

What Happened To The Retired Pay Study Ordered By SecDef? Pentagon Is Blank

THE Pentagon says it knows nothing about a study of military retired pay ordered earlier this year by Secretary of Defense McNamara.

The Secretary told the Senate Armed Services Committee in hearings released last May that he had initiated such a study but it was so "complex" he was not prepared to discuss it at the time.

Checking on the status of the study this week, THE JOURNAL asked the Defense Department what progress it has made. Is the study still underway or has it been completed? Who is (or was) charged with the responsibility for completing the study?

The Pentagon press office said it knows of no such study, although the subject is constantly under review. As for a specific study; none is being made, they said.

At the time that Secretary McNamara told the Senate Committee he had launched a study of military retired pay THE JOURNAL (20 May) carried the text of the question-and-answer exchange between the Defense Secretary and members of the Armed Services Committee.

Chairman Richard B. Russell (D-Ga.), referring to the retirement re-computation pay bill, noted that the Committee at that time had "a team of experts" studying the problem. He told Secretary McNamara, "I hope that in the future if you can possibly find time that you will personally review this matter."

Senator John C. Stennis (D-Miss) interjected the comment that retired pay will cost \$1 billion by 1963 and \$2 billion by 1968 "without any increases."

He told the Pentagon chief "Before you make any real recommendations about changing the law, I believe you will want to make a complete review of it and get all of it in proper perspective." About 20 years from now, Senator Stennis said, retirement costs will rise to \$3 billion.

Births • Marriages • Deaths

(No charge for Service announcements. Please print all names.)

Born

ACUFF—Lackland AFB, Tex 20 Oct 2d Lt & Mrs Mack F Acuff, daughter.
ANDRES—Madigan GH, Tacoma, Wash recently 2d Lt & Mrs L R Andres, son.
AVETINA—Wright-Patterson AFB, O 2 Oct Capt & Mrs Edmund J Avetina, daughter.
BARNHILL—USAF Academy, Colo 12 Oct Capt & Mrs Loy Barnhill, son.
BARTZ—Wright-Patterson AFB, O 25 Aug 1st Lt & Mrs John A Bartz, son.
BOGIE—Wright-Patterson AFB, O 25 Aug Capt & Mrs William D Bogle, daughter.
BONHAM—Carlisle Barracks, Pa 26 Oct Maj & Mrs Byron M Bonham, Jr, son.
CAMPBELL—La Chapelle, St Mesmin, France 18 Oct CWO-2 & Mrs Robert D Campbell, son, Russell.
CANESTRARI—USAF Academy, Colo 16 Oct Lt Col & Mrs Gisto Canestrari, daughter.
CHAPMAN—Ft McClellan, Ala 15 Oct Capt & Mrs John B Chapman, son, Scott Edward.
CLONTZ—Ft Carson, Colo 19 Oct Capt & Mrs Charles B Clontz, 241 Davie Dr, Security, Colo, son.
COBB—Fitzsimons GH, Denver 23 Oct Cdr (USN) & Mrs Tyrus P Cobb, daughter.
COVINGTON—Neubrucke, Germany 18 Oct 1st Lt & Mrs George V Covington, son, Anthony.
CRAIG—Wright-Patterson AFB, O 6 Oct 2d Lt & Mrs James R Craig, daughter.
CRAMER—Madigan GH, Tacoma, Wash recently Maj & Mrs R G Cramer, son.
CRUMP—Wright-Patterson AFB, O 12 Oct 2d Lt & Mrs Glendon R Crump, son.
CURRIE—Brooke GH, Ft Sam Houston, Tex 12 Oct Lt Col & Mrs David C Currie, son.
DE JONG—Ft Eustis, Va recently 2d Lt & Mrs Jack DeJong, son.
DEKONINCK—La Chapelle, St Mesmin, France 12 Oct 1st Lt & Mrs Donald A Dekoninck, son, Brian.
DEMBINSKI—Madigan GH, Tacoma, Wash recently 1st Lt & Mrs M J Dembinski, daughter.
DEMPESEY—Carlisle Barracks, Pa 3 Oct Col & Mrs Richard L Dempsey, daughter.
DERRICK—Wright-Patterson AFB, O 25 Aug Maj & Mrs Irvin H Derrick, son.
DUNLAP—Keesler AFB, Tex 19 Oct 2d Lt & Mrs Michael J Dunlap, son, Michael Joseph, Jr.
DUNLOP—Carlisle Barracks, Pa 20 Oct Lt Col & Mrs Donald D Dunlop, 160 Orange St, Carlisle Barracks, 5th child, a daughter, Elizabeth Rose.
EDWARD—Brooke GH, Ft Sam Houston, Tex 13 Oct 1st Lt & Mrs Roy J Edward, Jr, son.
ERICKSON—USAF Academy, Colo 25 Oct Capt & Mrs Ervin Erickson, son.
FENN—Brooke GH, Ft Sam Houston, Tex 15 Oct 2d Lt & Mrs Harlin LaV Fenn, Jr, daughter.
FROGGE—USAF Academy, Colo 17 Oct Capt & Mrs William Frogge, daughter.
FULLERTON—La Chapelle, St Mesmin, France 21 Oct Lt & Mrs Richard F Fullerton, son, Richard F, Jr.
GEORGER—Munson AH, Ft Leavenworth, Kans 18 Oct Maj & Mrs John F Georger, son.
GONZALEZ—Rodriguez AH, Ft Brooke, PR 1 Oct 1st Lt & Mrs Hestor S Gonzalez, son, Luis Rafael.
GRAY—Madigan GH, Tacoma, Wash recently Capt & Mrs M Gray, daughter.
GREENBERG—La Chapelle, St Mesmin, France 17 Oct Lt Col & Mrs Norman D Greenberg, daughter, Cynthia.
HARBISON—USAF Academy, Colo 23 Oct 2d Lt & Mrs James Harbison, daughter.
HARMANN—Ft McClellan, Ala 16 Oct 1st Lt & Mrs Roger William Harrmann, daughter, Susan Diane.
HESSE—Wright-Patterson AFB, O 16 Oct 1st Lt & Mrs Jack E Hesse, daughter.
HOLM—DeWitt AH, Ft Belvoir, Va 25 Oct CWO (USAF) & Mrs Richard A Holm, son.
JACOBS—USAF Academy, Colo 24 Oct Capt & Mrs Delbert Jacobs, daughter.
JORDAN—DeWitt AH, Ft Belvoir, Va 21 Oct 1st Lt & Mrs Bobby C Jordan, son.
KING—Walter Reed GH, Washington, DC 25 Oct 1st Lt & Mrs David King, daughter.
KOHLER—Wright-Patterson AFB, O 8 Oct Capt & Mrs John W Kohler, daughter.
KOMENDA—Keesler AFB, Tex 19 Oct 1st Lt & Mrs Robert Komenda, son, Jeffrey Craig.
KONDRACKI—Wright-Patterson AFB, O 15 Oct Capt & Mrs Joseph G Kondracki, daughter.
KOOSER—Brooke GH, Ft Sam Houston, Tex 17 Oct Capt & Mrs Vernon H Kooser, son.
KULENGUSKI—USAF Academy, Colo 25 Oct Maj & Mrs Joseph Kulenguski, son.
LACHAUSSEE—DeWitt AH, Ft Belvoir, Va 20 Oct Lt Col & Mrs Charles E Lachaussee, daughter.
LA ROSA—DeWitt AH, Ft Belvoir, Va 21 Oct CWO & Mrs Peter A La Rosa, daughter.
LEACH—Carlisle Barracks, Pa 21 Oct Maj & Mrs Loren F Leach, son.
LENZ—Munson AH, Ft Leavenworth, Kans 14 Oct Capt & Mrs Theodore R Lenz, daughter.

LESTER—USAF Academy, Colo 24 Oct 2d Lt & Mrs George Lester, daughter.
MADERE—Madigan GH, Tacoma, Wash recently Maj & Mrs G W Mader, son.
MATTICE—Wright-Patterson AFB, O 23 Oct 1st Lt & Mrs James J Mattice, son.
MC PEEK—West Point, NY 16 Oct 1st Lt & Mrs Richard B McPeck, daughter, Heather.
MERKEL—McConnell AFB, Kans, 28 Oct Lt Col & Mrs Ellsworth L Merkel, 2913 Mitchell Dr, Wichita 10, Kans, son, James Brian.
MILLER—Walson AH, Ft Dix, NJ 17 Oct Capt & Mrs Donald L Miller, son Mark Lamar.
MILTON—Walson AH, Ft Dix, NJ 17 Oct Capt & Mrs Robert E Milton, daughter, Kathleen Ruth.
MOORE—Wright-Patterson AFB, O 10 Oct 1st Lt & Mrs William E Moore, son.
MORTALI—Rodriguez AH, Ft Brooke, PR 17 Oct Lt (jg) (USN) & Mrs Ronald R Mortali, daughter, Denise Michael.
NAKASTANI—Madigan GH, Tacoma, Wash recently 2d Lt & Mrs A D Nakastani, son.
NEILSON—USAF Academy, Colo 16 Oct 1st Lt & Mrs Marshall Nelson, daughter.
NESS—Ft Wainwright, Alaska 21 Oct Maj & Mrs Richard C Ness, daughter, Barbara Ellen.
NEWTON—Lackland AFB, Tex 25 Oct Capt & Mrs William H Newton, son.
OLSON—Lackland AFB, Tex 21 Oct Capt & Mrs Robert M Olson, daughter.
OLSON—West Point, NY 15 Oct Capt & Mrs E Rule Olson, daughter, Kristen Ruth.
PARSON—USAF Academy, Colo 17 Oct Capt & Mrs Marvin Parson, son.
PERKA—DeWitt AH, Ft Belvoir, Va 25 Oct 1st Lt & Mrs Chester E Perka, son.
PERRY—Fitzsimons GH, Denver 23 Oct Capt & Mrs Ronald H Perry, daughter.
PIGG—Wright-Patterson AFB, O 11 Oct Maj & Mrs Leroy D Pigg, son.
PITTMAN—Walter Reed GH, Washington, DC 22 Oct 2d Lt & Mrs Lawrence Pittman, daughter.
POWELL—Keesler AFB, Tex 19 Oct 2d Lt & Mrs William T Powell, Jr, son, Scott William.
RASCO—USAF Academy, Colo 16 Oct 1st Lt & Mrs Austin Rasco, son.
SAMMONS—USAF Academy, Colo 13 Oct Maj & Mrs Willis Sammons, daughter.
SCHAFER—Walter Reed GH, Washington, DC 23 Oct 1st Lt & Mrs William R Schaffer, daughter.
SNARING—Wright-Patterson AFB, O 24 Oct 1st Lt & Mrs Thornleif M Snaring, daughter.
STEVENS—Wright-Patterson AFB, O 21 Oct 1st Lt & Mrs George R Stevens, son.
STEWART—Brooke GH, Ft Sam Houston, Tex 12 Oct 1st Lt & Mrs Bernard W Stewart, son.
STIVERS—West Point, NY 16 Oct Capt & Mrs Rupert E Stivers, son, Robert Lloyd.
SUNDSTROM—Keesler AFB, Tex 21 Oct 2d Lt & Mrs Bryce M Sundstrom, daughter, Melissa Ann.
TAMMARO—Patterson AH, Ft Monmouth, NJ 26 Oct 1st Lt & Mrs Anthony M Tammaro, 314 Durand Rd, Neptune, NJ, daughter.
TESSITORE—Wright-Patterson AFB, O 10 Oct 2d Lt & Mrs Joseph L Tessitore, son.
THEIEN—Wright-Patterson AFB, O 13 Oct 2d Lt & Mrs Daniel J Thelen, daughter.
TONSING—DeWitt AH, Ft Belvoir, Va 24 Oct Capt & Mrs Frederick W Tonsing, son.
WALTER—DeWitt AH, Ft Belvoir, Va 22 Oct Capt & Mrs Francis J Walter, Jr, daughter.
WARD—Wright-Patterson AFB, O 13 Oct 1st Lt & Mrs David G Ward, daughter.
ZUEHL—Lackland AFB, Tex 5 Sept A/C and Mrs Erlath W Zuehl, Jr, son, Erlath William, 3d grandson of Col (USA-Ret) & Mrs E W Zuehl of San Antonio.

Married

BUCKLEY-VERNIC—St Joseph's Catholic Church, Texas, Md 7 Oct Miss Anne Marie Vernic, daughter of Mrs Michael A Vernic, Towson, Md, & the late Mr Vernic, and Lt Martin J Buckley, USAF, son of Mrs Emerson Johnson & Mr Joseph A Buckley, both of Baltimore.
CONLEY-DONNELLY—St Matthew's Cathedral, Washington, DC 14 Oct Miss Mary Louise Donnelly, daughter of Mrs James William Donnelly & the late Mr Donnelly, and Mr Edgar Thomas Conley, Jr, son of Brig General (USA-Ret) & Mrs Conley.
GRAY-PATTON—The Presbyterian Church, Valley Stream, L. I., N. Y., 28 Oct Miss Allene Margaret Patton, daughter of Mr & Mrs Margaret L Patton, and Lt Richard Ward Gray, USAF, son of Mr Ward M Gray, Hopkins, Minn., & the late Mrs. Gray.
JONES-MOORE—7 Oct Miss Linda Mary Moore, daughter of Mr & Mrs Frederick Paul Moore, and Ens Frank Alfred Jones, Jr, USN, son of Colonel (USA-Ret) & Mrs Jones, Orlando, Fla.
KORNEGAY-SHERMAN—St Edward's Church, Powhatan, Va 30 Sept Miss Suzanne

Marie Sherman, daughter of Mr & Mrs Edward A Sherman, Hyattsville, Md, and Lt Billy H Kornegay, USAF, Ft Knox, Ky, son of Mr & Mrs R J Kornegay.

LIBBY-RECKERD—The Lexington Methodist Church, New York City 29 Oct Miss Phyllis MacKay Reckerd, daughter of Mrs Muriel M Reckerd, Niagara Falls, NY & the late Mr Farnsworth W Reckerd, and Capt John Trowbridge Libby, (MC), USAF, now stationed at Brindisi, Italy, son of Mrs Albert E Libby, Jamaica, Queens, NY, & the late Mr Libby.

SMITH-WEINERTH—The Cavalry Chapel, Ft Knox, Ky 28 Oct Miss Nancy Lee Weinert, daughter of Lt Col (USA) & Mrs Stuart L Weinert, 1434-A 5th Ave, Ft Knox, and Mr Daniel P Smith, son of Sfc & Mrs Ellis M Smith, also of Ft Knox.

Died

AGNE—Died 30 Oct Lt Col Howard C Agne, USAF. Survived by his widow, Mrs Edith H Agne, 2023 No Lexington St, Arlington, Va; two children, Sharon H & Charles H Agne; and his mother, Mrs Elise M Agne. Burial Arlington National Cemetery.

BAKER—Died USNH, Bethesda, Md 29 Oct Capt Harry H Baker. Burial Arlington National Cemetery, Washington, DC.

BRADSHAW—Died at her home at Washington, DC 29 Oct Mrs Daisy Robison Bradshaw, 58, wife of Col Max A Bradshaw, Ret, 1500 Delafield Pl, NW, Washington. Burial Arlington National Cemetery.

CAMPBELL—Died 18 Oct Naval Cadet Douglas Campbell, USNR.

CARRIGAN—Died Washington, DC 29 Oct Mr Leonard Carrigan, father of Capt Robert Carrigan, USAF, Pease AFB, NH, & Lt Richard C Carrigan, USN, Washington.

CLEGHORN—Died 24 Oct LCDR John T Cleghorn, USNR.

DALEY—Died Georgetown University Hospital, Washington, DC 28 Oct Mrs Hazel E Daley, 59, wife of Col Richard E Daley, General Manager, Army-Navy Country Club. Burial Arlington National Cemetery.

ELLIOT—Died USAFH, MacDill AFB, Fla 18 Sept Col Owen Elliot, USA-Ret, 56, veteran of WWII and Korea. Survived by his widow, Mrs Elizabeth M Elliot, 120-79th St, St Petersburg 7, Fla; two brothers; and four sisters. Burial Arlington National Cemetery, Washington, DC.

ENGEL—Died 23 Oct Mr Leslie Enzel, father of Capt William Engel, USAF. Burial Arlington National Cemetery, Washington, DC.

GRAY—Died 24 Oct Lt (jg) Fred Gray, 3d USN.

HAGER—Died 18 Oct Cdr Donald M L Hager, USN.

HEYNE—Died Arlington, Va 30 Oct, following a boating accident, Col Kurt N Heyne, USA-Ret, 53. Survived by his widow, Mrs Judith Heyne, 7627 Potomac Dr, Oxon Hill, Md. Services at 2 pm, Friday, 3 Nov, at Post Chapel, Ft Myer, Va, with burial Arlington National Cemetery.

HINKAMP—Died USNH, Portsmouth, Va 26 Oct Capt Clarence N Hinkamp, USNR-Ret, (USNA '07), 77, who circled the world with the "Great White Fleet", and was a veteran of WWI & WWII. Survived by his widow, Mrs Frances Hinkamp, Virginia Beach, Va; and one son, Capt M N Pieter Hinkamp, USN now at the Naval War College, Newport, RI.

NEVILLS—Died Suburban Hospital, Bethesda, Md 30 Oct Lt Col Edward M Nevills, USA-Ret. Survived by his widow, Mrs Evelyn D Nevills, 8512 Cedar St, Silver Spring, Md; one daughter, Mrs Paul R Mattix; one grandson; and two great-grandchildren. Burial Arlington National Cemetery, Washington, DC.

PACKER—Died USNH, Bethesda, Md Capt Francis A Packer, USNR-Ret, 64. Survived by his widow, Mrs Bernice Packer, 1405 28th St, NW, Washington, DC; two sons, Cdr F A Packer, Jr, USN, now assigned to the USS Saratoga, & LCDR Duncan Packer, aboard the USS Chivo; three granddaughters; and one grandson. Burial Arlington National Cemetery.

SARTORIS—Died Denver, Colo 25 Oct Capt Harry Sartoris, USNR-Ret. Survived by his widow, Mrs Florence S Sartoris, Ridge-wood, NJ. Burial Arlington National Cemetery, Washington, DC.

SCHMIDT—Died 5 Oct Mrs Stephanie Nizenska Schmidt, widow of Lt Col Victor G Schmidt, CAC, USA, and mother of Cdr V A G Schmidt, Jr, USCG, 57 Little Nahant Rd, Nahant, Mass. Also survived by two other children, Richard S G Schmidt, 60 Peck Rd, Middletown, Conn, & Miss Stephanie J Schmidt, 115 Everitt St, New Haven, Conn. Burial Arlington National Cemetery, Washington, DC 9 Oct.

SMITH—Died Falmouth, Mass 29 Oct RADM Edward H Smith, USCG-Ret, (USCGA '13), 72, an authority on the problem of icebergs. In the North Atlantic and one-time Director of the Woods Hole Oceanographic Institution.

STOSE—Died 26 Oct Cdr John F Stose, USN.

VAN TUYL—Died 19 Oct Harry Edward Van Tuyl, 3d, 4-mos-old son of Mr & Mrs Van Tuyl, Jr, 1546 No Ivanhoe St, Arlington 5, Va, and grandson of Colonel (USA-Ret) & Mrs Van Tuyl, 411 No Broadway, Leavenworth, Kans.

VINCENT—Died Miami, Fla 26 Oct Mrs Jerry Vincent, 54, Asst Woman's Editor of *The Washington Post* and wife of Mr Jack Vincent, Associate Editor, *Army Times* Publishing Co, who lives at 1414-17th St, NW, Washington, DC. Also survived by her mother, Mrs Harold L Fox, and one brother, Dale Fox, both of 1756 Pennsylvania Ave, NW, Washington. Burial Arlington National Cemetery.

WELSH—Died Walter Reed GH, Washington, DC 25 Oct Col Walter S Welsh, AUS-Ret, 65, Burial Arlington National Cemetery.

WOOD—Died 26 Oct Lt (jg) Samuel W Wood, USN.

HU-2 Gets CNO Safety Award

The CNO Special Mission Flight Safety Award for the Atlantic Fleet has been presented to Helicopter Utility Squadron Two (HU-2), NAS, Lakehurst, N. J., by RADM. Forsyth Massey, Commander Fleet Air Norfolk.

Cdr. John F. Uncles, HU-2's Commanding Officer, accepted the award. The squadron won the award over a field of more than 20 commands.

3558th Only ATC Unit In William Tell

The 3558th Flying Training Sq., from Perrin AFB, Tex., which flies F-102 Delta Daggers in William Tell 1961, was the only Air Training Command representative in the USAF interceptor weapons meet, as well as the only organization of its kind in the Air Force (see page 9).

Mission of the 3558th is to give fighter interceptor training to USAF officers. Most of these pilots, following their training at Perrin are assigned to the Air Defense Command. Others go on to further jet training in the Strategic Air Command with the B-58 Hustler.

A sidelight to the 3558th unit's participation in William Tell is that it has trained many of the ADC pilots who are currently competing against them in the meet. In previous competitions at Tyndall, the 3558th has twice finished with honors.

Project officer for the team this year is Maj. Kenneth R. Kurtzman, who himself is somewhat unique in the Air Force. He is one of the few USAF officers who have been fighter pilots continuously since their first flying training during WWII.

Jets Carry Troops From U. S. To Korea

Three MATS Boeing C-135 Stratolifters joined 12 MATS propeller driven aircraft on a recent rotational airlift of 900 Army troops and their equipment.

Each C-135 airlifted 80 troops and personal equipment from Ft. Riley, Kans, to Kimpo and returned with 80 troops to Shaw AFB, S. C., in less than 32 flying hours.

Six Douglas C-118 Liftmasters and six Lockheed C-121 Super Constellations, each airlifting approximately 57 troops, took 73 flying hours for the round trip and made four stops at island bases on the way to Kimpo and four stops on the return trip to Ft. Knox, Ky.

One Army master sergeant compared the 18 hours it took him to get to Korea this time with the 18 days it took him in 1950 by ship.

L/G Myers Is Deputy

Lt. Gen. Samuel L. Myers has arrived in Korea to assume duty as Deputy CG, Eighth Army.

He succeeds Lt. Gen. Andrew T. McNamara, who heads the newly formed Defense Supply Agency, Office of the Secretary of Defense, Washington, D. C.

Eighth Army's new "number two man" comes to Korea from Ft. Knox, Ky, where he served as CG of the Armor Center.

AF Electronics Division Creates European Group

Establishment of Detachment 9 to serve as Electronic Systems Division representative in Europe is announced by Maj. Gen. Kenneth P. Bergquist, ESD Commander at Hanscom Field, Mass.

Purpose of the division's "Men in Europe," an advance group of a dozen officers under Col. Bruce Downs, is to coordinate ESD projects throughout the European theater from the detachment's headquarters at Lindsey AS, Wiesbaden, Germany.

The detachment, comprised of military and civilian personnel, will build up to full strength by next spring and serve four System Program Offices and Electronic Systems Division Headquarters.

The four major command and control systems, referred to as "L" systems, that will have representation by Detachment 9 include 412L, an overseas theater tactical air weapons control and warning system; 466L, "Project Pegasus" a world-wide system for collecting intelligence by electromagnetic means and processing for transmission to users; 474L, the Ballistic Missile Early Warning System to provide notice of a mass ICBM attack on the North American continent from the north; and 480L, a system for modernization of the Air Force's global communications network.

MILTON MILES CHAIR ESTABLISHED BY NAVY

VAdm. Bernard L. Austin, President, has announced establishment of the "Milton E. Miles Chair of International Relations" at the Naval War College, Newport, R. I.

The new Chair will memorialize the late VAdm. Milton Edward Miles, who died last March.

Admiral Miles, USNA '22, was Chief of the U. S. Strategic Services in the Far East during WWII and he served as Deputy Commander, Sino-American Cooperative Organization, SACO, as it was called, consisted of 3,000 U. S. Navy personnel and 100,000 Chinese guerrillas who operated behind enemy lines from Indo China to the Gobi Desert, supplying vital weather and intelligence information to U. S. and Chinese military forces. The U. S. Naval forces were nicknamed the "Rice Paddy Navy."

Admiral Miles' unusual experiences and close associations with the Chinese during this assignment were recorded in the book, "SACO—The Rice Paddy Navy," by Cdr. Roy O. Stratton, SC, USN-Ret.

Admiral Miles is survived by his widow, the former Wilma Jerman, and two sons, Murray E. and Charles II.

The Milton E. Miles Chair is the third to be named in honor of individuals. Professor August C. Miller, Jr., who received degrees from Bowdoin College and Harvard University will fill the new Chair. He has been on the Naval War College staff since 1956 as Professor of International Relations in the Naval Command Course for Senior Foreign Officers. The Naval Command Course is the first course of its type which affords outstanding senior foreign naval officers an opportunity to prepare themselves for higher command responsibilities and to study mutual naval problems applicable to the free navies of the world.

Two other Naval War College Chairs are named after illustrious WWII naval leaders. They are the Chester W. Nimitz Chair of Social and Political Philosophy, and the Ernest J. King Chair of Maritime History. The Nimitz Chair is currently filled by Professor Albert Somit of New York University. Professor Charles A. Jellison of the University of New Hampshire occupies the King Chair.

Solar Will Develop Aerospace Sections

A contract to develop, fabricate and test aerospace vehicle frontal sections has been awarded Solar Aircraft Company, San Diego, by the AFSC Aeronautical Systems Division, Wright Field, Dayton.

The 21-month contract, calls for R&D study to prove the feasibility of a new concept of building such structures.

Solar is prime contractor on the project and will be supported by Lockheed Missiles and Space Company, Sunnyvale, Calif., a group division of Lockheed Aircraft Corporation. They will perform trajectory and structural analysis.

The forward sections of a glide re-entry vehicle are similar in concept to the forward sections of an airplane fuselage and during flight will be subjected to the most severe temperatures and load conditions experienced on the entire space vehicle.

Design requirements call for the components to withstand temperatures of 4500 to 5500 degrees Fahrenheit for periods as long as 10 minutes, with total re-entry times up to 60 minutes and a re-entry velocity of 35,000 ft. per second.

The proposed basic structure of the components will be of tungsten, tantalum, or alloys of these two materials, with a ceramic oxide coating to provide a protective shield against the atmospheres in which they will travel.

Breaks Ground For New Polaris Training Center

Ground breaking ceremonies for the new Polaris Training Building at the U. S. Fleet Anti-Air Warfare Training Center, Dam Neck, Va., marked the official beginning of construction on the \$866,000 project.

Cdr. F. C. Brtek, Commanding Officer of the Guided Missile School, wielded the "gold shovel" at the ground breaking. The new two-story re-enforced concrete building will house Polaris training laboratories and classrooms.

Officials at the ceremonies included Capt. R. R. Green, Commanding Officer, FLTAAWTRACEN.

USNA Grad Directs IEC Market Planning

James L. Furrh, Jr., a USNA graduate, has been named as Director of Market Planning of International Electric Corporation, Paramus, N. J., is announced by President Martin H. Dubilier.

As the systems management associate of International Telephone and Telegraph Corporation, IEC is developing the new SAC Command Control System.

The position of director, Market Planning was recently established to implement the expanding military marketing functions within the corporation. In this capacity, Mr. Furrh will be responsible for all defense marketing activities with the military and other government agencies.

The newly-appointed director joins IEC from Radiation at Stanford, a West Coast subsidiary of Radiation, Inc.

Previously with Lockheed's Missile and Space Division, he was head of the company's Polaris Management Center. He also was responsible for administrative management for the Sentry and Discoverer programs with Lockheed.

He served in the Navy from 1949 through 1957 and is a qualified Submarine Officer. During these years, he was actively involved in several submarine and missile programs, including the Polaris, Triton, and Regulus projects. He served as Planning Officer for the Pacific Missile Range.

Army Pilots Join ARADCOM

Three Army pilots have been assigned to the Aviation Section at Army Air Defense Command Headquarters, Colorado Springs.

They are Captains John F. Oliver, Jr., and William L. Bradner; and 1st Lt. Clarold F. Morgan.

4 Nov. 1961 (Vol. 99, P. 281)

Army Navy Air Force Journal 23

PX Men See Need For Action To Offset Resentment At Pricing Of Foreign Goods

POSITIVE command action will be necessary to offset the tide of customer resentment against the pricing of foreign goods sold in post exchanges. This was the consensus of representatives of overseas system and command exchanges who met in New York last week with Maj. Gen. Ray J. Laux, USA, Chief of the Army and Air Force Exchange Service, and his staff.

The "Buy American" directive, as modified in August, provides that foreign goods may again be sold in exchanges but they must be at locally prevailing prices rather than at the lower "PX prices" as in the past.

General Laux told the representatives that the "Buy American" directive has restored a proper balance in the Exchange Service's obligation of assuring an American standard of living for overseas Service families.

General Laux called for the Exchange Service to marshal its total resources against present and future problems and then predicted: "Regardless of the stumbling blocks ahead, we're going to make out all right."

Air Force Association Unit Honors Naval Reservist

Raymond P. Lansing, Vice President of The Bendix Corporation, has been named by the New Jersey Wing of the Air Force Association to receive its 1961 Air Power Trophy. He is a Naval Reserve officer.

The award, presented in Atlantic City on 28 October, honored him for "outstanding contributions to aviation and as a leader in the aviation-electronics-aerospace industry during an industrial career spanning 46 years."

Mr. Lansing invented the first engine-mounted direct-cranking aircraft starter, used on the famous Liberty engine of WWI, and perfected some 140 other patented developments in the aerospace sciences during his association with Bendix and predecessor companies. He is a director of Bendix and group executive for eight of the Corporation's manufacturing divisions.

Navy Sonobuoys Award Goes To Model Engineering

Model Engineering & Manufacturing Corporation has received a \$1 million Navy contract to build submarine-sensing Sonobuoys.

Vice President William E. Hughes said the contract boosted the electronics firm's backlog to a record high of \$8.5 million.

Testing of the acoustical sub-detecting device will begin in early spring, and full production at the Huntington facility will be underway by early summer, Hughes added.

John S. Bradin, Chief Engineer of R&D at MEMCOR's Electro-Mechanical Division, said the firm developed and produced prototypes last spring for critical evaluation by the Navy.

Marines Will Put New Emphasis On Marksmanship; Competitions Planned

THE Marine Corps will establish a Local Match Competition Program "designed to foster, on a Corps-wide basis, increased interest in marksmanship on the part of the individual Marine."

One of the prime objectives is to increase the individual Marine's marksmanship proficiency and combat potential.

Commanding officers are encouraged to establish local marksmanship programs for competitions with other commands and in civilian matches. Appropriated funds may be used, when available, to cover travel, per diem, match registration and entry fees for competitive matches conducted under this program.

The Commandant, Marine Corps Schools and Commanding Generals may organize formal rifle and pistol teams within their commands for participation in the Local Match Competition Program. Other commanders may form informal, part-time teams for the same purpose.

Headquarters pointed out that teams will be oriented so as to increase the combat marksmanship of the command. Also, all programs shall be oriented toward contributing qualified shooters to the Marine Corps' annual Competition-in-Arms Program and Marine Corps Rifle and Pistol Teams. New and inexperienced shooters who show exceptional promise will be encouraged to participate in local programs.

A total of 139 Marine Corps commands possess match-conditioned weapons and certain related shooting equipment enabling them to engage in competitive shooting.

Details on the new competitive program are contained in Marine Corps Order 3591.13.

Philco Names 4 In TechRep Div

Four appointments in the Operations Department of Philco Corporation's TechRep Division are reported by Eschol L. Walker, Department Manager at Philadelphia.

William A. Fredericks, formerly Manager-Atlantic Operations in Wiesbaden, Germany, has been named manager-Air Force Operations, and will also act as Assistant Operations Manager. He will be stationed in Philadelphia.

Donald A. L. Hughes, formerly Manager of Army-Navy Operations and manager-Air Force Operations in Philadelphia, was appointed manager-Atlantic Operations in Wiesbaden.

Roger W. Williams, formerly Contract Supervisor-Ground Electronics Engineering and Installation Agency at Rome, N. Y., was named Operations Supervisor-Europe at Wiesbaden. He succeeds Robert N. Wilson, who was forced to return to the United States because of ill health.

Robert H. Sommerich, formerly Assistant Contract Supervisor under Mr. Williams at Rome, was appointed Contract Supervisor-GEEIA, Rome.

Army Gets Computer Expert From Germany

Dr. Helmut Krenn, a digital computer expert, has joined the staff of the Army Rocket and Guided Missile Agency at Redstone Arsenal, Ala. Until recently, the 38-year-old physicist was employed by the Siemens Halske Computer Corp. in Munich, Germany.

An expert in the design and development of digital data processing equipment, Dr. Krenn will work in the Advanced Plans Branch of the agency's Research and Development Operations organization. Dr. Krenn was born in Austria and received his doctorate from the University of Vienna.

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L/C Kloos Takes Command

The 124th Ordnance Battalion, 2d Armored Division, Ft. Hood, Tex., is now under command of Lt. Col. Edward J. Kloos. He was formerly stationed at the Army Ordnance Missile School at Huntsville, Ala.



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Honeywell Formally Opens \$5 Million Facility For Interplanetary Equipment

MINNEAPOLIS, MINN.

THE Fighting Forces and NASA soon will be armed with new guidance and control resources for operations in the far reaches of space and in the depths of the ocean.

This was revealed here by top officials of the Minneapolis-Honeywell Regulator Company to newsmen covering the dedication of a new \$5 million Aerospace Facility—90% company funded.

Deputy Secretary of Defense Roswell Gilpatric officially dedicated the new facility 1 November before an audience of military, government and industry officials (see story on this page).

Mr. C. L. Davis, vice president of the company's Aeronautical Division, said:

"In many areas of guidance and control for missiles and space vehicles, we have reason to believe we are years ahead of Russian technology. This new facility testifies to our determination as a company and as a part of a free society to play an important role in creating the future."

Joining Mr. Davis at a news conference briefing, Mr. W. T. Noll, Vice President for Minneapolis Operations of the Aeronautical Division, reported that the new Adaptive Flight Control System is slated for early use—possibly later this

Fly Can Move 2 Tons



SPACE SATELLITE SIMULATOR at Honeywell's new \$5 million aerospace facility weighs two tons yet is suspended so delicately on an air bearing that it moves visibly under the weight of a fly landing on it. It was designed and built by company scientists to provide realistic test conditions for satellite guidance and control systems. Here engineer Jerry Johnson uses an optical instrument to align the simulator.

A USMA '46 graduate, Calvin L. Arnold, played a prominent role in the Honeywell Aerospace Facility dedication. He is Manager of Data Processing for the Aeronautical Division and works with a new computer complex that is going into operation at the Minneapolis site.

month—in the North American X-15 aerospace rocket research vehicle at the Air Force Flight Test Center, Edwards AFB, Calif.

Honeywell Military Products Group Vice President S. F. Keating, reporting on Honeywell progress in space guidance, noted that of 54 space shots the company had provided systems for 44.

Guests at the opening saw:

- A space simulator weighing two tons yet so delicately balanced on an air bearing that it is visibly deflected by the weight of a fly landing on it. (see photo on this page).

- An elaborate computer center, manned by a staff of 117 people, designed to perform scientific work of an analog-digital nature while simultaneously solving business problems.

- Machines so accurate they would be thrown off by a half-degree change in room temperature.

When the operator leaves the room he turns on a tiny heater to compensate for the loss of his body temperature.

New Products Unveiled

In conjunction with the opening, Honeywell took the wraps off two examples of the kind of products that will be made in the new facility—a miniature electrically suspended gyroscope which promises greatly improved accuracy for space vehicle guidance, and a new autopilot that "thinks for itself" to safely steer a human pilot through the dangerous regions at the fringe of space.

The new gyro has only one moving part, a hollow beryllium sphere not much larger than a ping-pong ball. It is held in suspension in a vacuum—inside a ceramic casing—by means of a high voltage electrostatic field. This virtually eliminates friction.

The sphere is spun up to high speed by a rotating magnetic field which then is cut off, permitting the sphere to spin unassisted for many months.

Honeywell, which is building bigger versions of electrically suspended gyros for use in Polaris submarine navigation, says it has succeeded in miniaturizing the device to the point where it is as small as

conventional gyros used in today's space missions.

Autopilot Is Self-Adaptive

The new autopilot, termed an adaptive flight control system, senses the conditions around the vehicle it controls and automatically adapts the performance of the vehicle to meet those conditions.

Honeywell scientists said the adaptive is the first flight control system capable

The Head of the Air Force Plant Office at Minneapolis-Honeywell Regulator Company is Maj. R. J. Chrysler. Mr. R. B. Becker is Chief of the AF Contract Branch.

Cdr. T. A. Smithy is Inspector of Naval Materiel at Minneapolis. Working with him are Mr. G. B. Harriman, Director of Contract Control; Mr. E. M. Spear, Director of Quality Control; and Mr. E. Naiman, Director of Production.

of blending aerodynamic and reaction controls at the critical time in manned space flight when the craft emerges from the earth's atmosphere where aerodynamic controls become ineffective and reaction controls must take over.

Honeywell has been at work on the adaptive flight control system for six years. The system has been flight-tested for more than 300 hours in jet aircraft and is slated for test soon in the hypersonic X-15.

The advanced technology required to design and build interplanetary guidance equipment is underscored by the computer center in the new facility, which includes a large-scale Honeywell 800 electronic data processing system and 16 analog computers. The Honeywell 800 can handle information at the rate of two million decimal digits per second.

L/C Rees Heads Depot

Lt. Col. Roger S. Rees has assumed command of the Army Depot Services Activity, Office of the Assistant Chief of Staff, G-4, U. S. Army Japan, Camp Zama.

"Too Many Industry Associations" Dealing With DoD, DepSec Gilpatric Says

MINNEAPOLIS, MINN.

THERE are "too many industry associations dealing with the Military Departments," according to Deputy Secretary of Defense Roswell L. Gilpatric.

Speaking at the dedication of the Aeronautical Engineering Building of the Minneapolis-Honeywell Regulator Company here 1 November, Secretary Gilpatric said that the excess number of associations results in "multiplication of effort both on the part of industry and the Defense Department."

Suggesting that "industry could better organize its relations with the Military Services," Secretary Gilpatric said: "We recognize the importance of keeping industry informed of our needs and our problems, but we cannot afford to do this job several times over. There are simply not the time or people to do it."

The Deputy Secretary pointed out that with "defense expenditures . . . approaching \$50 billion a year and promising to continue at that or higher levels,

we are bending every effort to offset still further increases by greater economy and efficiency in our operations.

"Secretary McNamara and I are well aware," he said, "of the impact of higher defense expenditures on the financial well being of this nation, as evidenced by the defense contribution to the indicated \$7 billion deficit for the current fiscal year. We shall continue to do everything we can to eliminate unnecessary and marginal activities in order to avoid dislocation of our whole economy as a result of holding military preparedness at a high pitch over an extended period."

Some steps toward achieving economies on the DoD organizational front mentioned by Mr. Gilpatric were the creation of the Defense Supply Agency, the Defense Intelligence Agency, the establishment of the new U.S. Strike Command, and the forthcoming reorganization of the Army's Technical Services (see page 1).

USARPAC ENGINEER

Brig. Gen. Duncan Hallock, former Engineer of Eight Army in Korea, has been appointed Engineer, Army, Pacific, Ft. Shafter, Hawaii.

A native of Missouri and a graduate of the U. S. Military Academy, General Hallock has his Master of Science degree in Engineering from Cornell University.

B/G Coulter Goes To NATO College

Brig. Gen. Theron Coulter, Deputy CofS for Personnel, Air Defense Command, has been selected to represent United States Forces on the staff of the NATO Defense College in Paris, France.

ADC personnel Chief since July 1959, General Coulter left this week for his new assignment as Deputy Commandant of the NATO Defense College. He will be succeeded by Col. William A. Tope, ADC Assistant DC/S Personnel.

A rated command pilot with over 6,000 flying hours, 500 of them in jet aircraft, General Coulter is a graduate of the Air Command School (1947) and the Air War College (1952).

No stranger to the European theater, General Coulter participated in the Berlin Airlift of 1948-49 as Commander of a Troop Carrier Wing, and Commander of the RAF Station at Fassberg, Germany. Later, he was Deputy CofS Operations, U.S. Air Forces, Europe.

He also has served as vice commander and commander, 85th Air Division, and commander, 20th Air Division.

Mrs. Coulter (actress Constance Bennett) is presently appearing in the play "Toys in the Attic" in Philadelphia and will join the General in Paris later.

Colonel Tope has been Assistant DC/S Personnel at ADC Headquarters since July 1960.

Chemical, Ordnance Win Safety Awards

The Army's Chemical and Ordnance Corps has won first and second place awards for their records in safety administration.

Lt. Gen. R. W. Colglazier, jr., the Army's Deputy Chief of Staff for Logistics, presented a gold plaque, symbol of the Award of Honor for Safety, to Maj. Gen. Marshall Stubbs, Chief Chemical Officer.

The second place silver plaque, the Award of Merit for Safety, was presented to Lt. Gen. J. H. Hinricks, the Chief of Ordnance.

Chemical and Ordnance received the awards in competition with the other five Army Technical Services.

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INDUSTRY IN DEFENSE

Hughes Records For AF Missile Tests

The Air Force has awarded an \$80,000 contract to Hughes Aircraft Company's Flight Test Division for four airborne recording units which will monitor the operation of F-102 interceptor armament control systems during test firings of Hughes' GAR-11 Falcon air-to-air guided missiles.

Robert M. DeHaven, Manager of the Hughes' Division, said the recorders—officially designated TARP (tactical airborne recording package)—were developed primarily to detect armament control system problems as they occur in the air.

Hughes designed the first armament control system in 1948, Mr. DeHaven said, and since has built automatic airborne controls for every interceptor in the Air Force's Air Defense Command.

A TARP consists mainly of an oscillograph recorder and eight plug-in extensions which are connected to points within an armament control system to probe for failures, DeHaven explained.

Flight missions are recorded automatically on a 50 foot roll of photo sensitized paper. As the control system locks on the target and fires its armament, electronic signals feed through the plug-in lines to the oscillograph, activating light beams which print graph-like patterns on the paper as it moves at the rate of one half inch a second.

Bell Seeks Commercial Rating For Iroquois

Bell Helicopter Company will proceed with its planned program leading to the commercial certification of its turbine-powered Model 204B.

Model 204B is the commercial designation of Bell's U. S. Army Iroquois Series of helicopters, one of which set six world records last year.

Bell, a Textron Inc. company, is now producing the Army version in quantity at its Hurst plant, between Ft. Worth and Dallas.

Commercial interest in the ship has been expressed by civilian helicopter operators, other private interests and foreign governments.

Preliminary engineering involved in certification procedure already is underway, and a company-owned 204B is equipped with a Bell-designed automatic stabilization unit for use in certification test work.

McDonnell Award To Collins

Collins Radio Company has received an order for Horizontal Situation Indicator equipment from McDonnell Aircraft Corporation totaling approximately \$765,600.

Collins Horizontal Situation Indicator is a panel-mounted airborne instrument which gives an aircraft pilot a complete map-like view of his navigation situation by providing him with a combination of course, approach distance, bearing and drift angle information.

To be used on McDonnell's F4H aircraft, the Horizontal Situation Indicator equipment consists of 331D-2 Indicators, 333F-1 Amplifiers, 562G-2 Flight Director Computers with 349Z-1 Shockmounts and 714T-1 Controls.

New UTC Division Formed

United Aircraft Corporation has established a new division to support the activities of United Technology Corporation, the company's California subsidiary, according to William P. Gwinn, President.

The new division will be known as the Solid Rocket Division and is expected ultimately to provide the framework of an organization for the volume production by United Aircraft of rocket motors using solid propellants.

The solid rocket development facilities of the corporation in Coyote, Calif., which are operated under lease by United Technology, will be held by the new division, Mr. Gwinn said.

B-52A Is Tested With Skybolt Missile

The latest test phase of the Boeing B-52H, part of a four-aircraft, 1200-hour-plus program, has been completed at the Air Force Flight Test Center, Edwards AFB, Calif.

The Boeing B-52H was flight tested for the first time with various combinations of the Douglas GAM-87 Skybolt to determine what effects it would have upon the big jet bomber.

The Skybolt is a solid-propellant, two-stage, inertially guided ballistic missile capable of hypersonic speeds. Carried under the wings of the B-52, it is capable of being launched from any altitude to impact a nuclear warhead on targets approximately 1,000 miles away.

Test flights were flown to evaluate performance and stability. The eight engine bomber carried combinations of two, three and four "dummy" missiles during the evaluation. It normally carries four of the new weapons, which are being developed by Douglas Aircraft Company.

Maj. Frank E. Cole, Project Pilot for the Skybolt portion of the program, explained that "this furthers the concept of a mixed strategic force. That is, a combination of missiles and manned aircraft that give the Air Force a weapon system of major proportions by its ability to launch the weapon from an ever-changing, hard-to-locate launching platform. The B-52H."

Project engineer Mr. C. E. Adolph added, "The ability of the B-52 to remain aloft on alert status also strengthens its retaliatory capacity."

The B-52H is a highly modified version of the "G" model. Its improvements include longer range and better takeoff capability, plus the addition of the new AS6-21 Gatling Gun and advanced radar systems. The "H" also has a high-low level all-weather capability.

A test force of over 200 skilled technicians representing industry and four major air commands is under the direction of Maj. Thomas C. Kensler, AFFTC command pilot and veteran of 12 years of flight testing.

Personnel of the AFSC, SAC, AC, AFSC and ATC are participating in the test program—the most extensive ever conducted at Edwards.

SAC Project Officer is Lt. Col. Wayne D. Morgan. Mr. Thomas Knight represents the Boeing Company in the Joint Test Force.

WILL STUDY SUBMARINE CONTROLS

A \$16,800 Navy study contract looking to development of improved emergency controls for submarines has been received by Republic Aviation Corporation. Company engineers said the study will improve the handling qualities of submarines in the event of malfunctioning of normal diving and steering controls. The initial phase of the study, they said, will determine requirements for an emergency system that can be adapted to any new submarine class.

Cannon Contract To G-E

A \$2 million Army contract for 20 mm Vulcan cannons and repair parts for the Air Force has been awarded to General Electric at Burlington, Vt. The six-barrel cannon, specifically designed to meet the armament requirements of the supersonic fighters and bombers, can fire 6,000 rounds per minute.

The Vulcan arms the Lockheed F-104, Republic F-105D, Boeing B-52H, and Convair B-58.

Bibby Keynotes Computer Session

Dause L. Bibby, President of Remington Rand Division, Sperry Rand Corporation, will be keynote speaker for the 1961 Eastern Joint Computer Conference 12 to 14 December at Washington, D. C., Dr. Jack Moshman, General Chairman has announced.

Mr. Bibby's address will reflect the theme chosen for the 1961 EJCC: "Computers—Key to Total Systems Control."

A total of 29 papers will be presented.

SCOUT ROCKET TASK GOES TO LTV

LING-TEMCO-VOUGHT, Inc., of Dallas has been awarded an \$8.6 million NASA contract for continued production of the four-stage, solid-fueled Scout rocket. The contract calls for design, fabrication, ground testing and assembly of 14 of the versatile rockets, expected to become a major research tool in various NASA space projects.

It represents an extension of earlier contracts awarded to the Astronautics Division of Chance Vought Corporation, aerospace subsidiary of Ling-Temco-Vought, Inc., and prime vehicle contractor for the Scout.

Scout is the nation's first solid-propellant rocket capable of placing a payload in orbit. It is designed to place a 150-pound satellite in a nominal 300-mile earth orbit or to loft a 50-pound scientific package nearly 8,500 miles in a probe shot. For re-entry tests the rocket can subject payloads to conditions like those encountered by space vehicles returning to the earth's atmosphere, and in a ballistic trajectory it can provide almost two hours of weightlessness for 100-pound experiments.

Scout is 72 feet long and weighs approximately 36,600 pounds. It is composed of four solid-propellant stages—Algol, first stage, Castor second, Antares third and Altair fourth.

These four rocket motors, plus the necessary transition sections and guidance and control equipment are assembled into a complete vehicle by Vought's Astronautics Division. As prime vehicle contractor, the division also handles pre-launch responsibilities extending from initial assembly to countdown.

Douglas Missile Div. Planning Expansion

The Missile and Space Systems Division of the Douglas Aircraft Company, Santa Monica, is studying plans for plant and research expansion which may total \$50,000,000 over the next 10 years.

Work already is underway to establish the long-range facility development plan for the next decade, Charles R. Able, Vice President-General Manager of the Division, announced.

He said that the Architectural-Engineering firm of Daniel, Mann, Johnson & Mendenhall has been engaged to develop a master plan for the division.

Scope of the work will take into consideration requirements for engineering, administrative, test and laboratory, basic research, and manufacturing facility needs through 1971, Able said. The plan calls for the building of a \$3,000,000 space chamber in the near future.

Douglas Profit Progress Told

Net profit of \$4.4 million equal to \$1.18 per share is reported by the Douglas Aircraft Company for the first nine months of fiscal 1961. This compares with a net loss of \$21.8 million last year.

Backlog as of 31 August was \$784 million, consisting of \$634.8 million in government projects and \$149 million in commercial work.

Autonetics Contract To TI

Autonetics Division of North American Aviation, Inc., Downey, Calif., has placed purchase orders worth \$300,000 with Texas Instruments, Inc., Dallas, for additional electro-optical instruments used in the alignment of the inertial guidance systems for the Air Force's Minuteman ICBM.

Texas Instruments has received more than \$1 million in orders from Autonetics for these instruments.

New Tests For Mauler

The Army announced it has begun a new series of development test firings of the Mauler air defense guided missile.

Brig. Gen. John G. Zierdt, Commander of the Army Rocket and Guided Missile Agency, Redstone Arsenal, Ala., said the solid-fuel missile met all test objectives in the first firing at White Sands Missile Range, N. M., recently. Additional test firings will be conducted at that location.

Designed to give air defense to fast moving Army units on the battlefield, Mauler is being developed under the technical supervision of ARGMA by the Pomona Division of General Dynamics, Pomona, Cal., prime contractor. The Army recently funded continued development of the system with a \$13 million award to the prime contractor.

Each Mauler unit, missiles, tracking and guidance equipment, will be self-contained on a self-propelled vehicle.

Northrop, Aerojet, NAA Get New AF Contracts

The Norair Division of Northrop Corporation, Hawthorne, Calif., has received an initial letter contract for \$24 million for production of T-38A jet trainers. The twin-jet airplane has a speed of about 850 miles-per-hour with a range of more than 1,150 miles. It has a ceiling above 55,000 feet.

The T-38 Talons contracted for will be produced between December 1962 and November 1963.

Aerojet General Corporation, Sacramento, Calif., received a \$1.1 million contract for instrumentation kits and installation and maintenance instructions for ballistic missile flight tests.

North American Aviation, Incorporated, Los Angeles, received a contract for \$3.5 million for autonavigators for GAM-77 Hound Dog guided air missiles.

Vitro Defense Work Grows

The Vitro Laboratories Division of Vitro Corporation of America, at Silver Spring, Md., reports that new contracts totaling \$17.4 million have been negotiated in the first three quarters of this year.

This compares with \$13.4 million in the comparable period a year ago—a 29.8% gain.

These contracts include system engineering on ballistic and guided missile weapons systems of the Navy as well as R&D and production in underwater ordnance.

Legion Leader Is Army Civilian Aide

William A. Brennan, Jr., a real estate broker of Indianapolis, has been appointed Civilian Aide for Indiana by Secretary of the Army Elvis J. Stahr, jr. He succeeds George M. Davidson, who served eight years in the post.

A '39 graduate of Georgetown University in Washington, D. C., Mr. Brennan also earned a master's degree in business administration from Harvard University. He is a trustee of St. Mary's of the Woods College in Terre Haute.

Mr. Brennan served in WWII as a captain in the Ordnance Corps and was recalled to active duty during the Korean War and assigned as executive officer of Jefferson Proving Ground, Indiana.

A former commander of the Indiana Department of the American Legion, Mr. Brennan was National Vice-Commander of the Legion during the period 1959-1960. He was chairman of the Military Affairs Committee of the Indianapolis Chamber of Commerce, a board member of the Indianapolis Boys Club, and a member of the Mayor's Advisory Commission of Indianapolis.

ARIZONA MEMORIAL

"A Twentieth Anniversary Memorial Ceremony" will be held on the USS Arizona platform, Pearl Harbor, Hawaii, 7 December. The dedication of this Memorial over the sunken Arizona is planned for Memorial Day 1962. It is anticipated that construction will be essentially completed by that date.

The sum of \$150,000 for completion of the Arizona Memorial was appropriated 27 September, 1961, by Congress to augment the voluntary contributions of the State of Hawaii, many individuals and patriotic groups.

The USS Arizona Memorial has been officially named by Congress as "The December 7, 1941, Pacific Memorial," as a memorial to all those who lost their lives that day who place in the Pacific as a result of the Japanese attack.

Although the major part of the cost of the Memorial has been borne by voluntary contributions, the Congressional appropriation of \$150,000 was required to award the contract for construction before the twentieth anniversary of the Pearl Harbor attack.

DEFENSE INDUSTRY ASSIGNMENTS:

Republic Names Rind To Head Lab; Navy Veteran Flanagan Gets FEC Post

Harold Rind, formerly Head of Environmental Control and Cryogenics for Republic Aviation Corporation, has been named Chief of the company's Space Environment Laboratory, Farmingdale, Long Island, N. Y. He will be responsible for the operation of the laboratory's 150-mile space chamber, as well as a new cryogenic facility near completion. The laboratory itself is one of seven units that make up Republic's \$14-million Paul Moore Research and Development Center.

William K. Flanagan, Jr. has been named Secretary of Federal Electric Corporation, Paramus, N. J., service organization of International Telephone and Telegraph Corporation. Mr. Flanagan is also Secretary and General Counsel of ITT Distributor Products Division. Prior to his election, Mr. Flanagan had been assistant secretary of ITT Federal Laboratories, Kothel Laboratories, Inc., and Components Division of ITT. He served with the Navy from 1944-1946.

He is married to the former Lynn De Cesare of Roselle Park, N. J. They are the parents of three children, Tara, three; William K. III, 16 months and Anita, four months. The family home is at 9 Manor Avenue, Cranford, N. J.

Paul H. Butler, Jr., has been appointed Assistant Director of Marketing for the Aerospace-Rockets Division of Textron's Bell Aerosystems Company, Buffalo, N.Y. His aviation industry experience includes nine years with the Air Force and Navy in various engineering and planning positions.

IEC Names V. P.-Deputy

Appointment of Harold Rapaport as Vice-President-Deputy to the President of International Electric Corporation is announced by Martin H. Dubilier, President of IEC at Paramus, N. J.

As the System Management Associate of International Telephone and Telegraph Corporation's U. S. Defense Group, IEC is responsible for the management, design and development of major Aerospace and Defense Electronic Systems for ITT. A new Command Control System for the Strategic Air Command, designated 465L, is currently being developed by IEC at Paramus.

Mr. Rapaport will have the responsibilities in drawing together and directing ITT Defense Group capabilities in the areas of major Aerospace and Defense Electronic Systems.

Arthur W. Galusha has been named Manager of the Northeast Regional Technical Liaison Office of Litton Systems, Inc., a division of Litton Industries, it is announced by George T. Scharffenberger, Executive Vice President. Mr. Galusha, formerly Manager of Navy Product Planning in the Missile and Space Division of Raytheon, will have offices at 221 Crescent St., Waltham, Mass.

President William B. Bergen has announced establishment of a new division of Martin Company, responsible for development, design, manufacture and sale of electronic systems and products for missile, space and undersea applications. Charles D. Manhart was named a Vice President to head the new organization, to be known as the Martin Electronic Systems and Products Division in Baltimore.

Robert E. Peterson has been named Market Planning Manager for Philco Corporation's Government & Industrial Group, headquartered at 4700 Wissahickon Ave., Philadelphia. He and his wife, Marjorie Anne, live at 104 Kenwood Drive, Haddonfield, N. J.

Ralph W. Elsner has been appointed Engineering Manager of Western Center, Motorola Military Electronics Division at Scottsdale, Ariz., it is announced by Dr. Robert E. Samuelson, Assistant General Manager for R&D. Mr. Elsner will plan and direct the business and technical efforts of the Radar Systems Laboratory and the Communications, Navigation and Data Processing Laboratory.

USNA Man Is Named

Byron L. Allison has been named Director of Sales by Chicago Aerial Industries, Inc., Barrington, Ill. Mr. Allison replaces James H. Thompson, appointed Vice - President/General Manager of CAI's Industries Division.

Formerly Product Manager for the Pioneer Central Division of the Bendix Corporation, Allison will be responsible for directing sales and service activities of the avionics firm, including marketing of aerial reconnaissance systems, missile guidance devices and data display consoles.

Mr. Allison attended the U. S. Naval Academy and the University of Cincinnati, majoring in physics.

Philco Sentinel Service Demonstrated; Automatic Alarm For Civil Defense

THE new Philco Sentinel Service, an automatic radio warning system capable of alerting 95% of the U. S. population within seconds after an attack alarm is sounded, was demonstrated this week to civil defense officials.

The Sentinel system can turn on any radio equipped with the newly developed circuitry, which costs about \$10 extra on a standard transistor set.

Broadcasters will be able to install needed equipment for less than \$100.

The Sentinel design was developed by a Philco electronics team headed by Wilson P. Boothroyd, Director of Engineering for the TV and Radio Division.

Col. Allen Heads Oakland Terminal

Col. Harlow E. Allen, TC, has assumed command of Oakland Army Terminal, Calif., succeeding Col. John H. Bannick.

Colonel Allen is well known in the Bay Area having served at Ft. Mason in 1958 as Director of Operations, Army Transportation Terminal Command, Pacific, and the following year as CofS. He joined MAAG Korea in 1959 where he served as Senior Transportation Advisor to the Republic of Korea Army.

Colonel and Mrs. Allen and their daughter, Susan, reside at the Terminal.

Former Marine Joins Consolidated Diesel

Louis L. Frank has joined the corporate management organization of Consolidated Diesel Electric Corporation, Norman Schaffer, Condec president, announces.

In the new post Mr. Frank will work with the Aircraft Equipment and Power Equipment divisions of the parent company in Stamford and with the subsidiary companies—Consolidated Avionics Corporation, Consolidated Controls Corporation, Hammond Valve Corporation, and The Lima Electric Motor Co., Inc.—to develop programs geared to defense and industrial needs.

Mr. Frank served 20 years in the Marine Corps, including four years as head of the guided missile and atomic branch of the strategic plans division in the office of the Chief of Naval Operations.

Hazeltine Wins Two New Navy Contracts

A contract in excess of \$2 million to produce shipboard range-height indicators has been awarded to Hazeltine Corporation by the Navy's Bureau of Ships. The indicator provides both range and altitude data concerning aircraft picked up on the ship's height-finding radars.

Hazeltine Corporation also has received a contract from the Bureau of Naval Weapons to produce TELEDAC, a decommutating device used in conjunction with FM-telemetry of data return from the Polaris missile.

Army Group Elects Col. Kalisch Sec.-Treas.

The 12th Army Group Association, of which General Omar N. Bradley is Honorary President, concluded its annual reunion in Washington, D.C. by unanimously electing Col. Bertram Kalisch of Brandywine, Md., as Secretary-Treasurer. Colonel Kalisch, who was General Bradley's Pictorial Officer from Normandy to the Elbe, takes over the only elective office in the Association which has been vacant since the death of Col. Harry D. Henshel of New York several months ago.

The Association consists of 400 Staff Officers who served in "Eagle"—the highest field headquarters for four U.S. Armies in Europe during World War II. As approximately 100 members are in the Washington area or nearby, it was voted to hold the next reunion in Washington, D.C., in October 1962.

In addition to its automatic warning features, the Sentinel Service would allow all families to take to fallout shelters a radio which could be left on stand-by to receive Civil Defense warnings and instructions. The special circuit draws so little from the batteries that a set equipped with standard D batteries would be expected to function 30 to 45 days without recharging.

Philco also has developed a special device to permit application of the Sentinel principle to pocket size transistor radios.

Philco President James M. Skinner, jr., said: "We have long believed that broadcasters could provide the fastest, least expensive and most reliable alert and warning system for Civil Defense."

"From the beginning, we have been encouraged in our studies by Civil Defense authorities. The special research which produced the Sentinel circuits, however, was carried out at our own expense."

"Therefore it is a great pleasure to me to offer the system to our Government as a contribution to the national security."

"Our primary purpose is to see that every American home is protected. For that reason, while we hope to market Sentinel sets ourselves, we will not attempt to establish proprietary claims on the development. We expect other manufacturers also will make available sets equipped to perform the same functions."

HU-1A Copter Joins 1st Cavalry Division

The Bell HU-1A turbine shaft helicopter has joined the 15th Aviation Company, 1st Cavalry Division in Korea. Qualified to fly it are Maj. John J. Collins, Company Commander, Capt. Daniel A. Breard III, Capt. Charles W. Miller and CWO Thomas P. Lundgren.

The helicopter is capable of operating from prepared and unprepared helipads under any type of weather conditions. Its capacity is seven passengers or two litter patients, two medics and two aviators. It has a range of 190 miles at 105 knots with an average load.

Lockheed Report Shows That Everything's Up

Lockheed Aircraft Corporation has reported gains in earnings, sales, and backlog in summarizing to stockholders results of the first nine months of 1961.

Net profit for the nine months was \$16.5 million or \$2.20 a share. Earnings for the third quarter were \$7.2 million or 96 cents a share, compared with \$5.4 million and 74 cents for the comparable 1960 period.

"We believe that fourth quarter earnings will continue the upward trend we have been able to establish during the first nine months," Chairman Courtlandt S. Gross and President Daniel J. Haughton reported.

Sales for the nine months totaled \$995.4 million, compared with \$962.2 million for the same period of 1960.

Backlog totaled \$1.7 billion, compared with \$1.3 billion a year earlier. Mr. Gross and Mr. Haughton reported that improvement "came from longer-range funding on Lockheed's missile and satellite programs and the receipt of substantial orders in the newly emphasized fields of airplanes for military airlift and antisubmarine warfare."

A breakdown of \$995.4 million in sales for the nine months included \$273.6 million in missiles; \$268.7 million in satellites and space research; \$193.3 million in airplanes, spares, and related services for the U. S. government; \$152.3 million in airplanes, spares, and technical services for foreign governments; \$69.1 million in commercial airplanes, spares, and services; and \$38.2 million in military and commercial shipbuilding and repair, electronic products, propulsion, and other new fields.

General LeMay Says Steps Are Clear To Space Capability; Sees Development Of Manned Vehicle With "Mission Flexibility"

GENERAL Curtis E. LeMay has declared that in his opinion, "as a military man, we need without question to acquire a space capability at the earliest practicable date. The steps are clear," he has told the Michigan Post of the American Ordnance Association. The CofS said:

"In order to acquire the capabilities we need, we have to solve these basic problems:

"One, we have to insure man's ability to work and survive in the space environment for extended periods of time.

"Another, we must attain the capability to place large payloads in space—reliably and economically. This calls for a cheap or recoverable booster.

"Again we must have the capability to rendezvous with, support and recover space payloads.

Also we must acquire the means to

communicate and maneuver in aerospace.

"The X-15 program, the Discoverer program, the Mercury program, and the Dynasoar program, all are intended to answer many of the riddles that face us today.

Eventually I see the development of a manned vehicle that can take off from existing runways, go into orbit, maneuver into a parking orbit, de-orbit, maneuver while re-entering the earth's

atmosphere and land at an air base in the conventional manner.

A manned vehicle of this type could have many important military applications in space. Since space systems are extremely expensive, one of the first tasks of a manned space vehicle would be to repair equipment operating in our unmanned satellites. "The first nation to develop a manned space vehicle with complete mission flexibility could possibly dominate the space above the atmosphere."

Space Stress

From first page—

learn in detail about the environment. Weapons which would be very limited in the atmosphere may not be so limited in space."

General LeMay said that space weapons may be able to neutralize earth-based ICBM's, or "perhaps they will be weapons that strike with the speed of light."

General LeMay, declaring that "war in the future may be waged and decided without a weapon being applied against an earth target," told the Ordnance Post: "If a new generation of armaments operated in space can neutralize an aggressor's ICBM's, the world will enter a new era in warfare."

U. S. Must Be First

General LeMay added in an address that reflects the growing concern in the Air Force that more needs to be done in the military space field:

"Space capabilities may bring about the technological disarmament of nuclear weapons. It may also remove major wars from the surface of the earth.

It stands to reason that it must be our technology which is first capable of disarming an aggressor's nuclear weapons. Because if an aggressor nation bent on world domination should be first to acquire this capability I don't think we would be permitted to develop an equal defense against his nuclear weapons or space armament.

"But one thing is certain. I don't think the United States can risk anything less than a full measure of effort toward discoveries of this type early enough to counter their exploitation by aggressors.

"A nation that has maneuverable space vehicles and revolutionary armaments can indeed control the world. For peace or for aggression.

I am sure in my own mind that this peaceful nation will not be wanting, that we can win this battle for space.

Space Race

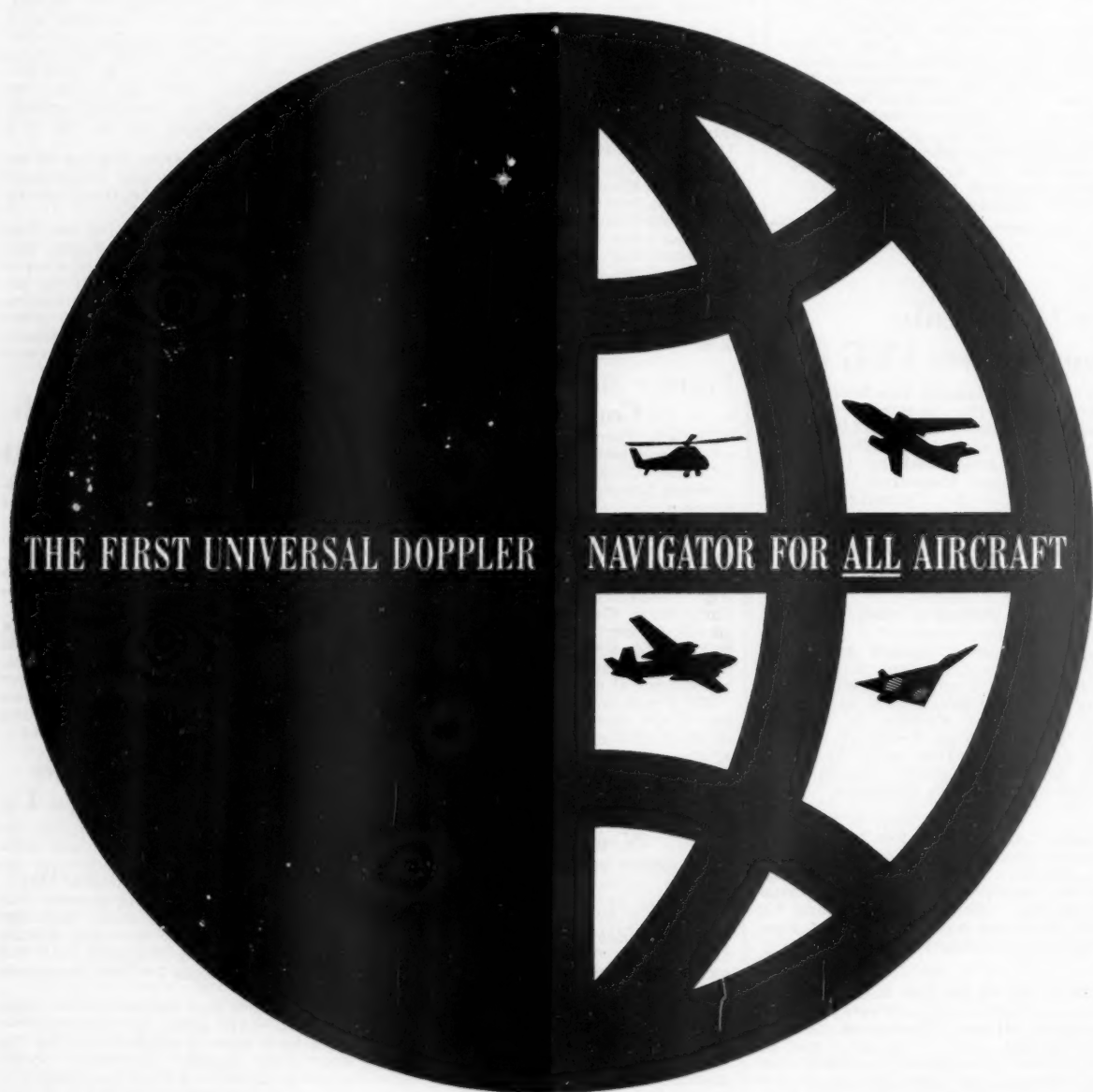
We recognize we are in a space race. The President has made this vividly clear. This race has a valuable trophy—our national security and freedom. It is a race in which many millions of Americans are already engaged and in which more will be in the future.

"Victory will be ours if we remain unified as a people and use our abilities to maximum to prevent needless duplications, dissipation of our scientific and technological resources, and a loss of confidence in our great industrial and social systems."

Col. Brownfield Commands 1st Cav. Division Trains

Col. Page H. Brownfield, has assumed command of 1st Cavalry Division Trains in Korea. He replaced Lt. Col. Jessie A. Morrow, jr., who had commanded Trains since the former commander, Col. Edward M. Majors, left the division in September.

Colonel Brownfield had served as Chief of Communications in the office of the Army Chief of Staff.



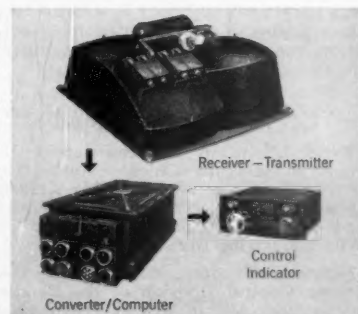
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